

Service Kit Catalogue

NK/E - Range 2



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Where does NK – Range 2 fit in the overall picture of end-suction

	Range		
	IEC motor ¹⁾		NEMA motor ²⁾
	1	2	6
NB(E)	X		X
NBG(E)	X		
NBS(E)			X
NK(E)	X	X	X
NKG(E)	X		

Type/Model **GRUNDFOS**
DK-8850 Bjerslevsbo Denmark

NKGE 125-100-160/160-140BSA1F2AESBQQEKW3

PN-SN 99431975-00010000		P code	P32132	R2
Q	113.3 m ³ /h	H	104.90 m	n 1450 min ⁻¹
MEI ≥	0.70	PEI _{CL}	0.89	50 Hz η _p 77.1 %

p/t 16/120 bar/°C_{MAX}

Imp.Dia. 13.56 (in.)

Made in Hungary

WRAS 23C

reserved
QR code

92712786

- TM1040533

Pos.	Description
1	Type designation
2	Identification code
	99431975 Product number
	00010000 Serial number
3	Production code - production site, year and week
4	Range identification (service range code)

GRUNDFOS 

Type key

Example 1: NK 32-180/166AAEF2S3ESBQQEGX4

Example 2: NK 150-350/328-324AAEF2TBESBQQEWX4

Example 3: NKE 65-225/242ASA2F2SKESBQQENWA

Pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example 1	NK	32	-180	/166		A		AE	F	2	S3	E	S	BQQE	G	X	4
Example 2	NK	150	-350	/328-324		A		AE	F	2	TB	E	S	BQQE	W	X	4
Example 3	NKE	65	-225	/242		A	S	A2	F	2	SK	E	S	BQQE	N	W	A

Pos.	Explanation
1	Type range
2	Nominal diameter of outlet port (DN)
3	Nominal impeller diameter [mm]
4	Actual impeller diameter [mm]
	Impeller type
5	'blank': Closed impeller, cylindrical trim. If one dimension is shown, the impeller has a cylindrical trim, for example 166. 'blank': Closed impeller, conical trim. If two dimensions are shown, the impeller has a conical trim, for example 328-324. S: Special open impeller V: Super vortex impeller
	Hydraulic version
6	A: 1st version B: 2nd version C: 3rd version D: 4th version
	Sensor/motor version
7	'blank': Pump without sensor C: Without built-in sensor, one cable and one pressure sensor are supplied with the pump. S: Pump with built-in differential-pressure sensor, Series 2000 G: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with Grounding ring H: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with hybrid bearing (HYB): Non drive-end I: Non -E pump/ -E pump with semi-integrated VFD/CUE: Motor with insulated bearing: Non drive-end
	Code for pump version; the codes may be combined
8	A1: Basic version, grease-lubricated standard bearing design, standard coupling A2: Basic version, grease-lubricated standard bearing design, spacer coupling B: Oversize motor (+E): With ATEX approval, certificate or test report, the second character of the pump version code is an E G1: Grease-lubricated heavy-duty bearing design, standard coupling G2: Grease-lubricated heavy-duty bearing design, spacer coupling H1: Oil-lubricated heavy-duty bearing design, standard coupling H2: Oil-lubricated heavy-duty bearing design, spacer coupling I1: Pump without motor, grease-lubricated standard bearing design, standard coupling I2: Pump without motor, grease-lubricated standard bearing design, spacer coupling J1: Pump without motor, grease-lubricated heavy-duty bearing design, standard coupling J2: Pump without motor, grease-lubricated heavy-duty bearing design, spacer coupling K1: Pump without motor, oil-lubricated heavy-duty bearing design, standard coupling K2: Pump without motor, oil-lubricated heavy-duty bearing design, spacer coupling Y1: Bare shaft + grease lub. std. bearing design W1: Bare shaft + grease lubricated H.D. bearing design X: Special version; used in case of further customisation than already listed
	Pipe connection
9	E: Table E flange F: DIN flange G: ANSI flange J: JIS flange
	Flange pressure rating (PN - rated pressure)
10	1: 10 bar 2: 16 bar 3: 25 bar 4: 40 bar 5: Other pressure rating

Pos.	Explanation																																																																																																			
11	Code for materials																																																																																																			
	Code	Pump housing	Impeller	Wear ring	Shaft	S3	EN-GJL-250	1.4308	No wear ring	1.4301 + 1.0503	S4	EN-GJL-250	1.4308	No wear ring	1.4401	S5	EN-GJL-250	1.4308	No wear ring	1.4462	S8	EN-GJL-250	1.4408	No wear ring	1.4401	S9	EN-GJL-250	1.4408	No wear ring	1.4462	SB	EN-GJS-500-7 ductile	1.4308	No wear ring	1.4301 + 1.0503	SC	EN-GJS-500-7 ductile	1.4308	No wear ring	1.4401	SD	EN-GJS-500-7 ductile	1.4308	No wear ring	1.4462	SG	EN-GJS-500-7 ductile	1.4408	No wear ring	1.4401	SH	EN-GJS-500-7 ductile	1.4408	No wear ring	1.4462	SI	EN-GJS-500-7 ductile	1.4308	No wear ring	1.4410	SJ	EN-GJS-500-7 ductile	1.4408	No wear ring	1.4410	SK	EN-GJL-250	1.4308	No wear ring	1.4410	SL	EN-GJL-250	1.4408	No wear ring	1.4410	T2	EN-GJL-250	1.4517	No wear ring	1.4462	T3	EN-GJL-250	1.4517	No wear ring	1.4410	TA	EN-GJS-500-7 ductile	1.4517	No wear ring	1.4462	TB	EN-GJS-500-7 ductile	1.4517	No wear ring	1.4410	X	Special version			
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	T2	EN-GJL-250	1.4517	No wear ring	1.4462																																																																																															
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X	Special version																																																																																																			
12	Rubber parts in pump E: EPDM F: FXM (Fluoraz®) K: FFKM (Kalrez®) M: FEPS (PTFE-sheathed silicone O-ring) O: HNBR V: FKM (Viton®)																																																																																																			
	Shaft seal arrangement B: Stuffing box C: Cartridge seal, single D: Cartridge seal, double O: Back-to-back, double seal P: Tandem, double seal S: Single seal																																																																																																			
	Shaft seal(s) in pump Letter or digit code for mechanical shaft seal and shaft seal rubber parts 4 letters: Single mechanical shaft seal, such as BQQE, or single cartridge seal, such as HBQV 4 digits: - double seal solution; example 2716, where 27 is DQQV, primary seal, and 16 is BQQV, secondary seal; - double cartridge seal; example 5150, where 51 is HQQU, primary seal, and 50 is HBQV, secondary seal The relation between letters and digits of the shaft seals is described in Codes for shaft seals.																																																																																																			
	15	Code for rated motor power [kW]. See Codes for rated motor power.																																																																																																		
	16	Code for DOE identification. See Code for DOE identification.																																																																																																		
	17	Code for speed variant [rpm]. See Codes for speed variant.																																																																																																		

Example 1: NK 32-180/166AAEF2S3ESBQQEGX4

shows an NK 32-180 pump with these characteristics:

- 166 mm closed impeller, cylindrical trim
- hydraulic version A
- pump without sensor
- grease-lubricated standard bearing design
- with certificate/report (with standard coupling)
- DIN flange to EN1092-2
- 16 bar flange pressure rating
- cast iron pump housing, EN-GJL-250
- stainless steel impeller, 1.4308
- no wear ring
- 1.0503 shaft + 1.4301 sleeve
- EPDM O-rings for pump cover and seal cover
- single shaft seal arrangement
- BQQE shaft seal
- 1.1 kW motor, no motor or US DOE Regulated Motor (CC marked motor), 4-pole, 60 Hz.

Example 2: NK

150-350/328-324AAEF2TBESBQQEWX2 shows an NK 150-350 pump with these characteristics:

- 328-324 mm closed impeller, conical trim
- hydraulic version A
- pump without sensor
- grease-lubricated standard bearing design
- with certificate/report (with standard coupling)
- DIN flange to EN1092-2
- 16 bar flange pressure rating
- ductile iron pump housing, EN-GJS-500-7
- duplex stainless steel impeller, 1.4517
- no wear ring
- super duplex stainless steel shaft, 1.4410
- EPDM O-rings for pump cover and seal cover
- single shaft seal arrangement
- BQQE shaft seal
- 90 kW motor, no motor or US DOE Regulated Motor (CC marked motor), 2-pole, 60 Hz.

Example 3: NKE

65-225/242ASA2F2SKESBQQENWA shows an NKE 65-225 pump with these characteristics:

- 242 mm closed impeller, cylindrical trim
- hydraulic version A
- Built-in differential-pressure sensor, Series 2000
- grease-lubricated standard bearing design
- spacer coupling
- DIN flange to EN1092-2
- 16 bar flange pressure rating
- cast iron pump housing, EN-GJL-250
- stainless steel impeller, 1.4308
- no wear ring
- super duplex stainless steel shaft, 1.4410
- EPDM O-rings for pump cover and seal cover
- single shaft seal arrangement
- BQQE shaft seal
- 11 kW motor, not for sale in North American, 1450-2200 rpm.

Related information

[Letter codes for shaft seals](#)

[Codes for rated motor power](#)

[Code for DOE identification](#)

[Codes for speed variant](#)

Codes for shaft seals

Digits	Letters	Description
12	BBQE	Single mechanical shaft seal
13	BBQV	Single mechanical shaft seal
15	BQQE	Single mechanical shaft seal
16	BQQV	Single mechanical shaft seal
19	AQAE	Single mechanical shaft seal
20	AQAV	Single mechanical shaft seal
21	AQQE	Single mechanical shaft seal
22	AQQV	Single mechanical shaft seal
23	AQQX	Single mechanical shaft seal
24	AQQK	Single mechanical shaft seal
25	DAQF	Single mechanical shaft seal
26	DQQE	Single mechanical shaft seal
27	DQQV	Single mechanical shaft seal
28	DQQX	Single mechanical shaft seal
29	DQQK	Single mechanical shaft seal
50	HBQV	Cartridge seal
51	HQQU	Cartridge seal
52	HAQK	Cartridge seal
	SNEA	Stuffing box
	SNEB	Stuffing box
	SNEC	Stuffing box
	SNED	Stuffing box
	SNOA	Stuffing box
	SNOB	Stuffing box
	SNOC	Stuffing box
	SNOD	Stuffing box
	SNFA	Stuffing box
	SNFB	Stuffing box
	SNFC	Stuffing box
	SNFD	Stuffing box

Letter codes for shaft seals

Code	Description	Explanation
B	Shaft seal type	A: O-ring seal with fixed driver B: Rubber bellows seal D: O-ring seal, balanced H: Cartridge seal, balanced
Q	Material of rotating seal face	A: Carbon, metal-impregnated with antimony which is not approved for potable water B: Carbon, resin-impregnated Q: Silicon carbide
Q	Material of stationary seal	A: Carbon, metal-impregnated with antimony which is not approved for potable water Q: Silicon carbide
E	Material of secondary seal and other rubber and composite parts, except the wear ring	E: EPDM V: FKM (Viton®) F: FKM (Fluoraz®) K: FFKM (Kalrez®) X: HNBR U: Dynamic O-rings in FFKM and static O-rings in PTFE

For a thorough description of shaft seal types and materials, see the data booklet "NB, NBG, NK, NKG, NBE, NBGE, NKE, NKGE - Custom-built pumps according to EN 733 and ISO 2858".

Codes for rated motor power

Code	Description	
	[hp]	[kW]
A	0.16	0.12
B	0.25	0.18
C	0.33	0.25
D	0.5	0.37
E	0.75	0.55
F	1	0.75
G	1.5	1.1
H	2	1.5
I	3	2.2
J	4	3
K	5 (5.5 ³⁾)	3.7 (4 ³⁾)
L	7.5	5.5
M	10	7.5
N	15	11
O	20	15
P	25	18.5
Q	30	22
R	40	30
S	50	37
T	60	45
U	75	55
V	100	75
W	125	90
X	Bare shaft pump	
Y	> 200 ⁴⁾	> 150 ⁴⁾
1	150	110
2	175	132
3	200	150
4	215 ⁵⁾	160 ⁵⁾
5	250 ⁵⁾	185 ⁵⁾
6	-	26

³⁾ Value in bracket is for the standard IEC motor size. Value outside bracket is for the motor size according to NEMA standards.

⁴⁾ Used for pumps where the pump shaft input power exceeds 200 hp (150 kW) and is not regulated under the DOE pump rule.

⁵⁾ Special cases with power sizes above 200 hp (150 kW) which are still regulated under the DOE pump rule. For example: Pump has a P2 value of 198 hp (147.6 kW) in its duty point (in DOE scope) but customer wants the 215 hp (160 kW) motor instead of the 200 hp (150 kW). The pump is in scope of the DOE regulation and requires a PEI value and a motor code.

Code for DOE identification

Code	Description
A	DOE reported with E-motor (ECM ⁶⁾), 1 × 200-240 V
B	DOE reported with E-motor (ECM ⁶⁾), 3 × 200-240 V
C	DOE reported with E-motor (ECM ⁶⁾), 3 × 440-480 V
D	DOE reported with E-motor (ECM ⁶⁾), 3 × 380-500 V
E	DOE reported with E-motor (ECM ⁶⁾), 3 × 525-690 V
W	In DOE scope but not compliant with or out of DOE scope but not for sale in North America
X	DOE reported, sell as bare shaft pump or DOE regulated Motor (CC marked motor)
Y	Pumps not subject to the DOE regulation, and can be sold in North America
Z	DOE reported with Asynchronous E-Motor

⁶⁾ ECM: Electronically Commutated Motor.

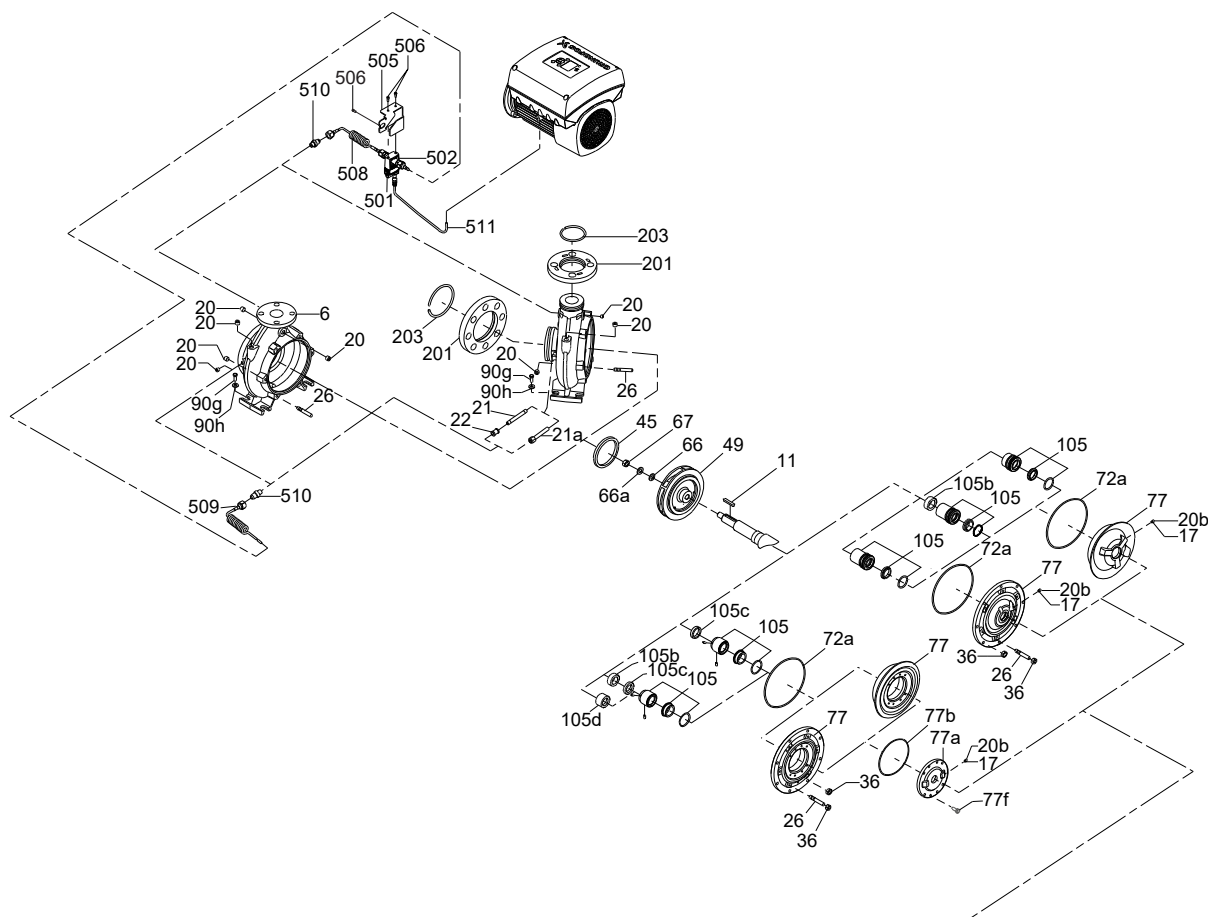
Codes for speed variant

Code	Description
A	1450-2200 RPM, E-motor (ECM ⁷⁾)
B	2900-4000 RPM, E-motor (ECM ⁷⁾)
C	4000-5900 RPM, E-motor (ECM ⁷⁾)
D	1450-2200 RPM, CUE + PM motor
E	2900-4000 RPM, CUE + PM motor
1	2-pole, 50 Hz (Asynchronous motor)
2	2-pole, 60 Hz (Asynchronous motor)
3	4-pole, 50 Hz (Asynchronous motor)
4	4-pole, 60 Hz (Asynchronous motor)
5	6-pole, 50 Hz (Asynchronous motor)
6	6-pole, 60 Hz (Asynchronous motor)
7	8-pole, 50 Hz (Asynchronous motor)
8	8-pole, 60 Hz (Asynchronous motor)

⁷⁾ ECM: Electronically Commutated Motor.

2. Overview of kits/spares

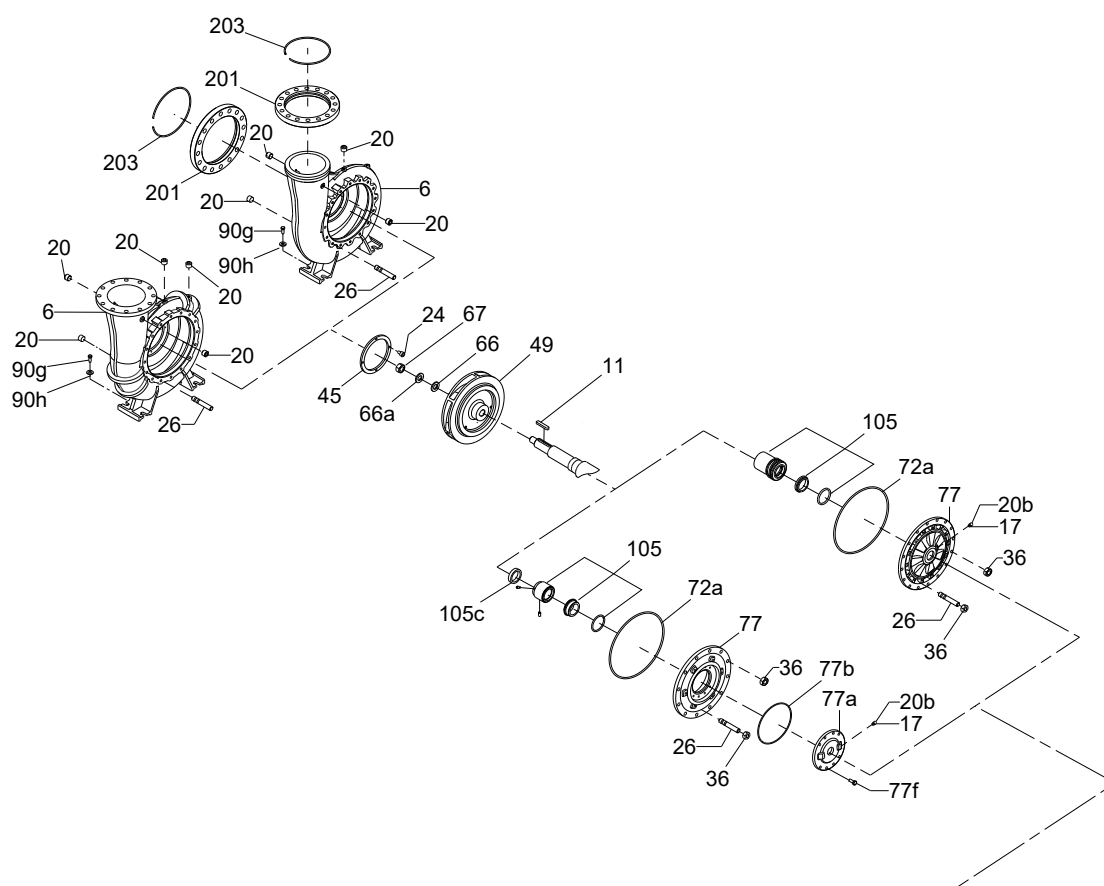
Centre-line outlet, single seal, closed impeller



TM082100

Kit - Pump housing	Spare/bulk - O-ring for cover and seal cover
Spare/kit - Wear ring	Kit/spare - Cover
Kit - Nut, washers and key for impeller	Kit - Seal cover
Spare - Impeller	Kit - Sensor
Spare/Bulk - Shaft seal and seal spacer	Kit - Loose flange(s)

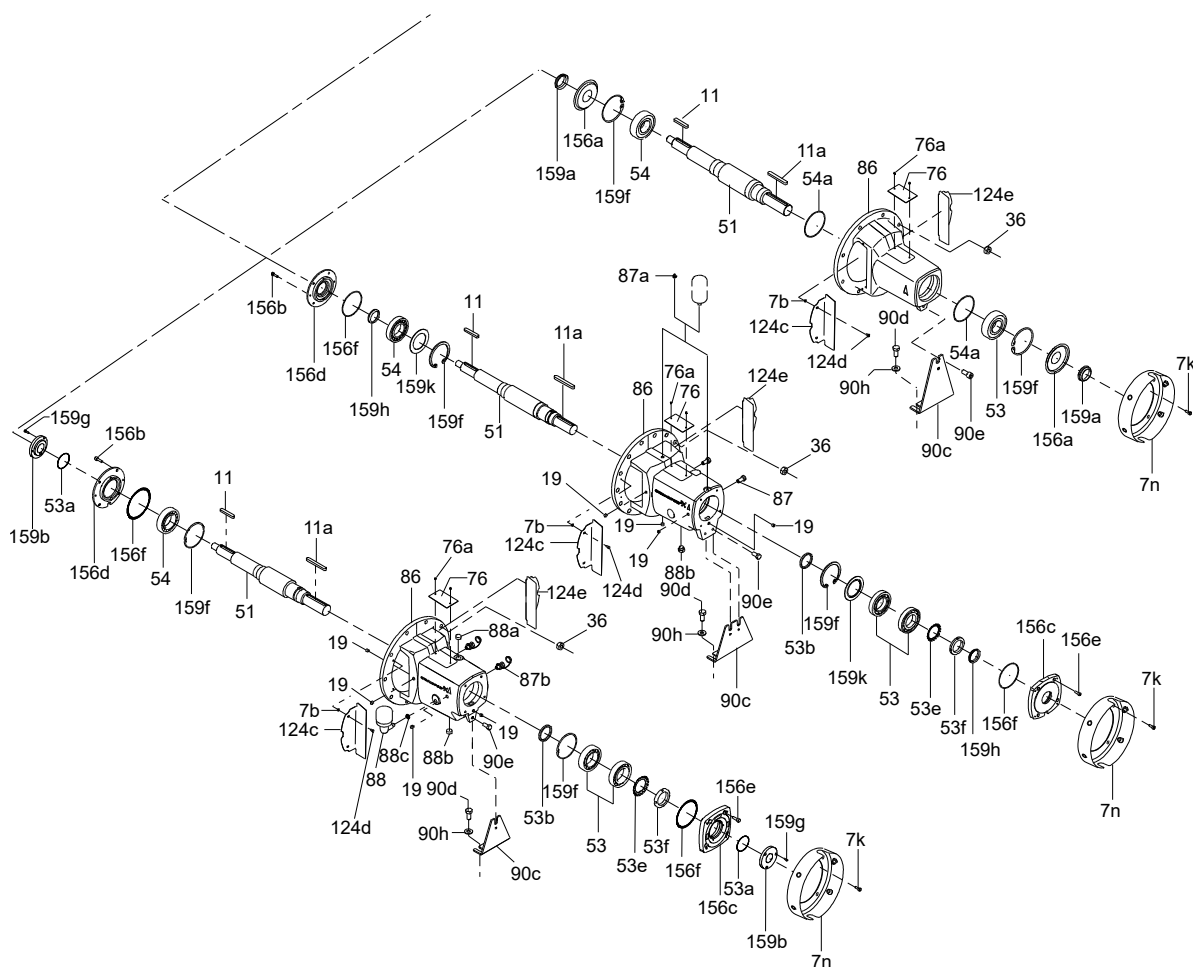
Tangential outlet, single seal, closed impeller



TM082101

Kit - pump housing	Spare/bulk - O-ring for cover and seal cover
Kit/spare - wear ring	Kit/spare - Cover
Kit - Nut, washers and key for impeller	Kit - Seal cover
Spare - Impeller	Kit - Loose flange
Spare/bulk - Shaft seal and spacer	

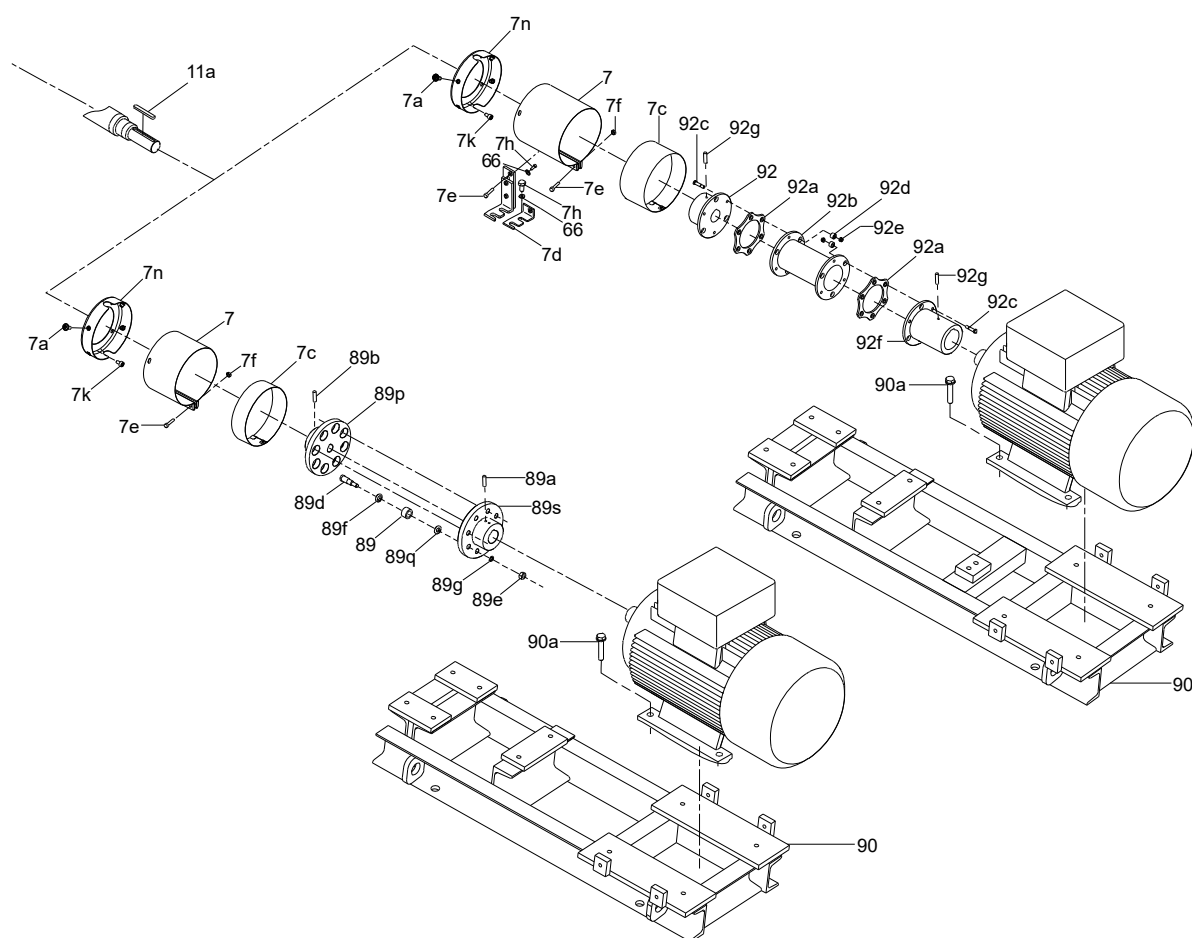
Bearing brackets



TM082102

Standard bearing bracket (greased for life)	Heavy Duty bearing bracket (re-greaseable)	Heavy Duty bearing bracket (oil-lub.)
Kit - Shaft	Kit - Shaft	Kit - Shaft
Kit - Shaft guard	Kit - Shaft guard	Kit - Shaft guard
Kit - Standard bearing bracket	Kit - HD bearing bracket, re-greaseable	Kit - HD bearing bracket, oil-lub.
Kit - Standard bearings	Kit - HD bearings, re-greaseable	Kit - HD bearings, oil-lub.
Kit - Bearing bracket foot	Kit - Bearing bracket foot	Kit - Bearing bracket foot
Kit - V-rings	Kit - Bearing cover, end	Kit - Bearing cover, end
	Kit - Bearing cover, front	Kit - Bearing cover, front
	Kit - V-rings	Kit - Labyrinth seal
		Kit - Oiler

Couplings and base frames



TM082103

Standard coupling

Kit - Coupling guard, standard coupling

Kits - Standard coupling

Kit - Rubber, standard coupling

Kit - Bolts, standard coupling

Spare - Base frame, standard coupling

Spacer coupling

Kit - Coupling guard, spacer coupling

Kit - Foot for spacer coupling guard

Kit - Pump hub, spacer coupling

Kit - Motor hub, spacer coupling

Kit - Flexible disc, spacer coupling

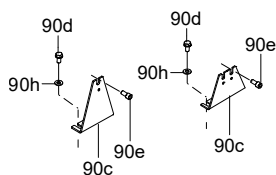
Spare - Spacer, spacer coupling

Kit - Bolt + sleeve + nut, spacer coupling

Spare - Base frame, spacer coupling

3. Service kits and spares

Kit - Bearing bracket foot



TM1040115

Kit - Bearing bracket foot

90c: Bearing bracket foot

90d: Needed number of hex head screw(s)/bolt(s)

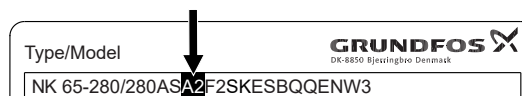
90e: Needed number of hex head screw(s)/bolt(s)

90h: Needed number of washers

Step 1: Find the pump size and note the foot code.

Pump size	Foot code	Pump size	Foot code	Pump size	Foot code
32-130.1-2P	F01	65-130-2P	F03	125-225	F09
32-130.1-4P	F01	65-130-4P	F03	125-280	F09
32-130-2P	F01	65-180-2P	F03	125-320	F11
32-130-4P	F01	65-180-4P	F03	125-350	F14
32-165.1-2P	F02	65-210-2P	F04	125-355	F14
32-165.1-4P	F02	65-210-4P	F04	125-360	F15
32-180-2P	F02	65-225-2P	F08	125-380	F15
32-180-4P	F02	65-225-4P	F05	150-225	F11
32-205.1-2P	F03	65-280	F08	150-280	F14
32-205.1-4P	F03	80-180.1-2P	F03	150-300	F14
40-130-2P	F01	80-180-2P	F03	150-350.1	F14
40-130-4P	F01	80-180-4P	F03	150-350	F14
40-180-2P	F02	80-225-2P	F08	150-355	F18
40-180-4P	F02	80-225-4P	F05	150-360	F15
40-190-2P	F03	80-280	F08	150-380	F18
40-190-4P	F03	80-350	F09	150-390	F18
40-220-2P	F04	80-380	F14	200-300	F16
40-220-4P	F04	100-180-2P	F04	200-350	F16
40-225-2P	F04	100-180-4P	F04	200-380	F19
40-225-4P	F04	100-225.1-2P	F07	200-500	F19
50-130-2P	F02	100-225.1-4P	F06	250-315	F19
50-130-4P	F02	100-225-2P	F07	250-360	F20
50-220-2P	F10	100-225-4P	F06	250-380	F20
50-220-4P	F04	100-280	F07	300-300	F21
50-225-2P	F10	100-350	F09	300-310	F21
50-225-4P	F04	100-360	F14	300-350	F20
50-280-2P	F10	100-380	F14	300-400	F20
50-280-4P	F04	125-180-2P	F05	350-350	F23
50-350	F07	125-180-4P	F05		

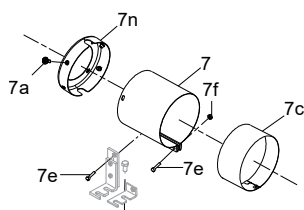
Step 2: Use the foot code and the pump version code to find the needed kit.



Pump version code

Foot code	Kit - Bearing bracket foot	
	Pump version	
	A1, A2, I1, I2, Y1	G1, G2, H1, H2, J1, J2, K1, K2, W1, Z1
F01	92728690	92728689
F02	92728692	92728691
F03	92728704	92728694
F04	92728708	92728713
F05	92728709	92728711
F06	92728710	92728712
F07	92728712	92728714
F08	92728711	92728704
F09	92728716	92728715
F10	92728713	92728693
F11	92728717	92728716
F12	92728709	92728714
F13	92728713	92728704
F14	92728718	92728716
F15	92728720	92728719
F16	92728722	92728721
F17	92728723	92728723
F18	92728725	92728725
F19	92728724	92728724
F20	92728726	92728726
F21	92647605	92647605
F23	92647606	92647606

Kit - Coupling guard, spacer coupling



TM1040107

Kit - Coupling guard, spacer coupling

7: Coupling guard, spacer coupling

7a: Needed number of screw for retainer/outer part

7c: Coupling guard inner part

7e: Needed number of hex socket head cap screw

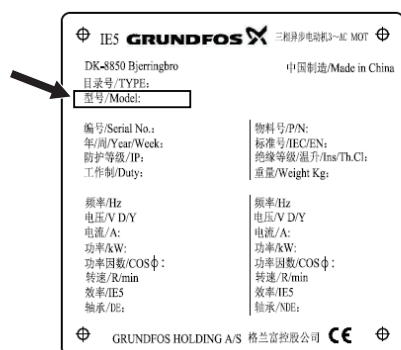
7f: Needed number of lock nut

7n: Retainer

1 × Alignment sticker

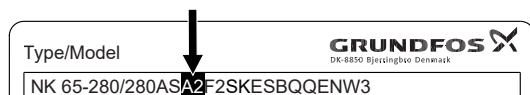
1 × Grundfos A-logo sticker

Step 1: Find the motor frame size on the motor nameplate.



TM090981

Step 2: Use the pump version code, the pump size, and the motor frame size to find the coupling guard code.



Pump version code

For fixed pump with pump versions A2, I2

Pump size	Motor frame size																			
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S
32-130.1-2P		01A	01A	01A	01A	01A		01A												
32-130.1-4P	01A	01A																		
32-130-2P		01A	01A	01A	01A	01A		01A												
32-130-4P	01A	01A																		
32-165.1-2P			01A	01A	01A	01A		01A		01A										
32-165.1-4P	01A	01A																		
32-180-2P			01A	01A	01A	01A		01A		01A										
32-180-4P	01A	01A	01A																	
32-205.1-2P					01A	01A		01A		01A										
32-205.1-4P	01A	01A	01A	01A																
40-130-2P			01A	01A	01A	01A		01A												
40-130-4P	01A	01A	01A																	
40-180-2P				01A	01A	01A		01A		01A										
40-180-4P	01A	01A	01A	01A	01A															

Pump size	Motor frame size																									
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X	
40-190-2P	01A 01A 01A 03A 03A																									
40-190-4P	01A 01A 01A 01A																									
40-220-2P																										
40-220-4P	01A 01A 01A 01A 01A																									
40-225-2P																										
40-225-4P	01A 01A 01A 01A 01A 01A																									
50-130-2P	01A 01A 01A 01A 01A																									
50-130-4P	01A 01A 01A 01A																									
50-220-2P	02B 02B 02B 03B																									
50-220-4P	01A 01A 01A 01A																									
50-225-2P	02B 02B 02B 03B 03B 03B																									
50-225-4P	01A 01A 01A 01A 01A 01A																									
50-280-2P	02B 02B 03B 03B 03B 04B 04B																									
50-280-4P	01A 01A 01A 01A																									
50-350	02B 02B 02B 02B 02B 03B																									
65-130-2P	01A 01A 01A 01A																									
65-130-4P	01A 01A 01A 01A																									
65-180-2P	01A 01A 01A 01A 01A 03A																									
65-180-4P	01A 01A 01A 01A																									
65-210-4P	01A 01A 01A 01A 01A 01A 01A 01A																									
65-225-2P	02B 02B 03B 03B																									
65-225-4P	01A 01A 01A 01A 01A 01A 01A 01A																									
65-280	02B 02B 02B 02B 02B 02B 02B																									
80-180.1-2P	01A 01A 03A																									
80-180-2P	01A 01A 01A 03A 03A																									
80-180-4P	01A 01A 01A 01A 01A																									
80-225-2P	02B 03B 03B 03B 04B 04B 04B																									
80-225-4P	01A 01A 01A 01A 01A 01A 01A 01A																									
80-280	02B 02B 02B 02B 02B 02B 02B																									
80-350	02B 02B 02B 02B 03B 03B 03B																									
80-380	03C 03C 03C 03C 03C 04C 03C																									
100-180-2P	01A 01A 01A 03A																									
100-180-4P	01A 01A 01A 01A 01A 01A																									
100-225.1-2P	03B 03B 03B 04B 04B 04B																									
100-225.1-4P	01A 01A 01A 01A 01A 01A 01A 02A																									
100-225-2P	03B 03B 03B 04B 04B 04B																									
100-225-4P	01A 01A 01A 01A 01A 01A 01A 02A																									
100-280	02B 02B 02B 02B 02B 03B 03B																									
100-350	02B 02B 02B 02B 03B 03B 03B 04B																									
100-360	03C 03C 03C 03C 03C 04C 03C 04C 04C																									
100-380	03C 03C 03C 03C 03C 04C 03C 04C 04C 06A																									
125-180-2P	01A 01A 03A 03A 03A 04A																									
125-180-4P	01A 01A 01A 01A 01A 01A 01A 01A																									
125-225	02B 02B 02B 02B 02B 03B 03B																									
125-280	02B 02B 02B 02B 03B 03B 03B																									
125-320	02B 02B 02B 03B 03B 03B 04B 04B 04B																									
125-350	03C 03C 03C 03C 03C 04C 03C 04C																									
125-355	03C 03C 03C 03C 04C 03C 04C 04C 04C 06A																									
125-360	03C 03C 03D 03D 04C 03C 04C 04C																									
125-380	03C 03C 03C 04C 03C 04C 04C 04C 06A																									
150-225	02B 02B 02B 02B 02B 03B 03B 03B																									
150-280	03C 03C 03C 03C 03C 03C 04C 03C																									

Pump size	Motor frame size																							
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L
150-300	03C 03C 03C 03C 03C 03C 04C 03C 04C																							
150-350.1	03C 03C 03C 03C 03C 03C 04C 03C 04C 04C																							
150-350	03C 03C 03C 03C 03C 03C 04C 03C 04C 04C 04C																							
150-355	04E 04E 04E 04E 04E 06C 06C 06C																							
150-360	03C 03C 03C 04C 03C 04C 04C 04C 06A 06A 06A																							
150-380	04E 04E 04E 04E 04E 06C 06C 06C																							
150-390	04E 04E 04E 04E 06C 06C 06C 06C																							
200-300	03C 03C 03C 04C 03C 04C 04C																							
200-350	03C 03C 03C 03C 03C 04C 03C 04C 04C 06A 06A 06A																							
200-380	04E 04E 04E 04E 04E 06C 06C 06C																							
200-500	04E 04E 04E 06C 06C 06C 06C 06C 06C																							
250-315	04E 04E 04E 04E 04E 04E 04E																							
250-360	04E 04E 04E 04E 04E 06C 06C 06C																							
250-380	04E 04E 04E 04E 06C 06C 06C																							
300-300	04E 04E 04E 04E 04E 06C 06C 06C																							
300-310	04E 04E 04E 04E 04E 06C 06C																							
300-350	04E 04E 04E 04E 06C 06C 06C																							
300-400	04E 06C 06C 06C 06C 06C																							
350-350	04E 04E 04E 04E 06C 06C 06C 06C																							

For E-pump with pump versions A2, I2

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-130.1-2P	01A	01A	01A	01A	01A	01A									
32-130-4P	01A														
32-165.1-2P		01A	01A	01A	01A	01A		01A							
32-165.1-4P	01A	01A													
32-180-2P		01A	01A	01A	01A	01A		01A							
32-180-4P	01A	01A													
32-205.1-2P				01A	01A	01A									
32-205.1-4P	01A	01A	01A	01A											
40-130-2P			01A	01A	01A	01A		01A							
40-130-4P	01A	01A	01A												
40-180-2P				01A	01A	01A		01A		01A		01A			
40-180-4P	01A	01A	01A	01A											
40-220-2P						02B		02B		02B		02B			
40-220-4P	01A	01A	01A	01A	01A										
40-225-2P						02B		02B		02B		02B		03B	
40-225-4P	01A	01A	01A	01A	01A	01A									
50-130-2P				01A	01A	01A		01A		01A					
50-130-4P	01A	01A	01A	01A											
50-225-2P						02B		02B		02B		02B		03B	
50-225-4P	01A	01A	01A	01A	01A	01A									
50-280-2P										02B		02B		03B	
50-280-4P				01A	01A	01A	01A		01A						
50-350				02B	02B	02B	02B		02B						
65-130-2P					01A	01A		01A		01A		01A		03A	
65-130-4P	01A	01A	01A	01A											
65-180-2P					01A	01A		01A		01A					
65-180-4P	01A	01A	01A	01A											

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
65-225-2P								02B		02B		02B		03B	
65-225-4P		01A	01A	01A	01A	01A	01A								
65-280				02B	02B	02B	02B		02B		02B		03B		
80-180-2P						01A		01A		01A		01A		03A	
80-180-4P	01A	01A	01A	01A	01A										
80-225-2P												02B		03B	
80-225-4P			01A	01A	01A	01A	01A		01A		01A				
80-280					02B	02B	02B		02B						
80-350						02B	02B		02B		02B		03B		03B
100-180-2P						01A		01A		01A		01A		03A	
100-180-4P		01A	01A	01A	01A	01A									
100-225-4P				01A	01A	01A	01A		01A		02A				
125-180-2P								01A		01A		01A		03A	
125-180-4P			01A	01A	01A	01A	01A								
125-225						02B	02B		02B		02B		03B		03B
150-225						02B	02B		02B		02B		03B		03B
200-350									03C		03C		03C		03C
250-315									04E		04E		04E		04E

For fixed pump with pump versions G2, H2, J2, K2

Pump size	Motor frame size																				
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M
40-220-2P								02B		02B	02B	03B		03B							
40-225-2P								02B		02B	02B	03B		03B							
65-210-2P											02B	03B		03B		03B	04B				
65-225-2P											03D	03D		03D		03D	04D				
80-180.1-2P														03B							
80-380											03D		03D	03D	04D	03D	04D	04D			
100-180-2P										02B	02B	03B		03B							
125-360													03D	03D	04D	04D	04D	04D	04D	06B	
200-350										03D	03D	03D		03D	03D	04D	03D	04D	04D	06B	06B
300-310													04E	04E		04E	04E	04E	04E	06C	06C
300-350																	04E	04E	06C		06C
300-400																				06C	06C
350-350																	04E	04E	06C	06C	06C

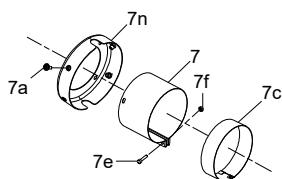
For E-pump with pump versions G2, H2, J2, K2

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-205.1-2P						02B		02B							
40-220-2P						02B		02B		02B		02B		03B	
40-225-2P						02B		02B		02B		02B		03B	
50-350											03D		03D		03D
65-180-2P												02B		03B	
80-180-2P														03B	
80-280											03D		03D		03D
100-225-4P													03B		03B

Step 3: Use the coupling guard code, check the material of the coupling guard, and find the needed kit.

Coupling guard code	Coupling guard cpl.	Kit - Coupling guard for spacer coupling
		Black painted steel
01A	D125 PCD100 210/354	92780111
02A	D140 PCD100 230/344	92780112
02B	D140 PCD116 240/420	92780113
03A	D180 PCD100 290/380	92780114
03B	D180 PCD116 290/434	92780115
03C	D180 PCD146 290/520	92780116
03D	D180 PCD155 290/494	92780117
04A	D220 PCD100 360/420	92780118
04B	D220 PCD116 360/434	92780119
04C	D220 PCD146 360/520	92780130
04D	D220 PCD155 360/504	92780131
04E	D220 PCD200 360/620	92780132
06A	D350 PCD146 510/550	92780133
06B	D350 PCD155 510/550	92780134
06C	D350 PCD200 510/714	92780135

Kit - Coupling guard, standard coupling



TM1040105

Kit - Coupling guard, standard coupling

7: Coupling guard, spacer coupling

7a: Needed number of screw for retainer/outer part

7c: Coupling guard inner part

7e: Needed number of hex socket head cap screw

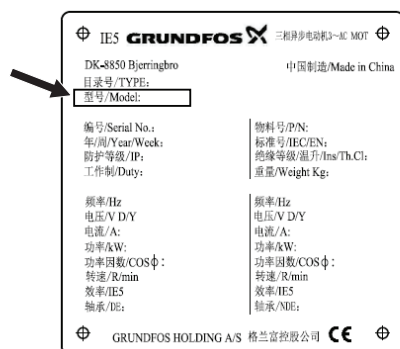
7f: Needed number of lock nut

7n: Retainer

1 × Alignment sticker

1 × Grundfos A-logo sticker

Step 1: Find the motor frame size on the motor nameplate.



TM090981

Step 2: Use the pump version code, the pump size, and the motor frame size to find the coupling guard code.



Pump version code

For fixed pump with pump versions A1, I1

Pump size	Motor frame size																			
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S
32-130.1-2P	A01	B01	B01	B01	B01	C01		C02												
32-130.1-4P	A01	A01																		
32-130-2P	A01	A01																		
32-130-4P	A01	A01																		
32-165.1-2P			B01	B01	B01	C01		C02												
32-165.1-4P	A01	A01																		
32-180-2P			B01	B01	B01	C01		C02		C02										
32-180-4P	A01	A01	B01																	
32-205.1-2P					B01	C01		C02		C02										
32-205.1-4P	A01	A01	B01	B01																
40-130-2P			B01	B01	B01	C01		C02												
40-130-4P	A01	A01	B01																	
40-180-2P				B01	B01	C01		C02		C02										
40-180-4P	A01	A01	B01	B01	B01															

Pump size	Motor frame size																								
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
40-190-2P								C02		C02	C02	D01		D01											
40-190-4P	A01	B01	B01	B01																					
40-220-4P	A01	B01	B01	B01			C01																		
40-225-4P	A01	B01	B01	B01			C01	C02																	
50-130-2P					B01	C01		C02		C02															
50-130-4P	A01	A01	B01	B01																					
50-220-2P								C03		C04	C04	D02													
50-220-4P	A01	B01	B01	B01																					
50-225-2P								C03		C04	C04	D02		D03		D03									
50-225-4P	A01	B01	B01	B01			C01	C02																	
50-280-2P										C04	C04	D02		D03		D03	E02	E02							
50-280-4P					B01		C01	C02	C02	C02															
50-350					B03		C03	C03	C03	C04	C04	D02													
65-130-2P						C01		C02		C02	C02														
65-130-4P	A01	B01	B01	B01																					
65-180-2P					B01	C01		C02		C02	C02	D01													
65-180-4P	A01	B01	B01	B01																					
65-210-4P	A01	B01	B01	B01	C01	C01	C02	C02	C02																
65-225-2P										C04	C04	D02		D03											
65-225-4P	A01	B01	B01	B01	C01	C01	C02	C02																	
65-280			B03	B03	B03	C03	C03	C03	C03	C04															
80-180.1-2P										C02	C02	D01													
80-180-2P						C01		C02		C02	C02	D01		D01											
80-180-4P	A01	B01	B01	B01		C01																			
80-225-2P										C04	D02		D03		D03	E02	E02	E02							
80-225-4P			B01	B01	B01	C01	C01	C02	C02	C02															
80-280				B03	B03	C03	C03	C03	C03	C04	C04														
80-350						C03		C03	C03	C04	C04	D02	D02	D03											
80-380								C05	C05	C05		D04	D04	E03	E03										
100-180-2P								C02		C02	C02	D01													
100-180-4P	A01	B01	B01	B01		C01	C02																		
100-225.1-2P											D02		D03		D03	E02	E02	E02							
100-225.1-4P				B01	B01	C01	C01	C02	C02	C02	C02														
100-225-2P											D02		D03		D03	E02	E02	E02							
100-225-4P				B01	B01	C01	C01	C02	C02	C02	C02														
100-280					B03	C03		C03	C03	C04	C04	D02	D02												
100-350						C03		C03	C03	C04	C04	D02	D02	D03	E02										
100-360								C05	C05	C05	D04	D04	D04	E03	E03	E03	F01								
100-380								C05	C05	C05		D04	D04	E03	E03	E03	F01	F01	F01						
125-180-2P								C02	C02	D01		D01		D01	E01										
125-180-4P	A01	B01	B01	B01	C01	C01	C02	C02																	
125-225					B03	C03		C03	C03	C04	C04	D02	D02												
125-280						C03		C03	C03	C04	C04	D02	D02	D03											
125-320								C03	C04	C04	D02	D02	D03	E02	E02										
125-350								C05	C05	C05	D04	D04	D04	E03	E03	E03									
125-355								C05	C05		D04	D04	E03	E03	E03	F01	F01	F01							
125-360								C05	C05		D04	D04	E03	E03	E03	F01									
125-380								C05		D04	D04	E03	E03	E03	F01	F01	F01								
150-225						C03		C03	C03	C04	C04	D02	D02	D03											
150-280								C05	C05	C05	C05	D04	D04	D04	E03	E03									
150-300								C05	C05		D04	D04	E03	E03	E03										
150-350.1								C05	C05	C05	D04	D04	D04	E03	E03	E03	F01								

Pump size	Motor frame size																							
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L
150-350	C05 C05 C05 D04 D04 D04 E03 E03 E03 F01 F01																							
150-355	D06 D06 E05 E05 F02 F02 F02 F02 F02																							
150-360	C05 D04 D04 E03 E03 E03 F01 F01 F01 F01 F01																							
150-380	D06 D06 E05 E05 F02 F02 F02 F02 F02																							
150-390	D06 E05 E05 F02 F02 F02 F02 F02 F02																							
200-300	C05 D04 D04 E03 E03 E03 F01																							
200-350	C05 C05 C05 D04 D04 E03 E03 E03 F01 F01 F01 F01 F01																							
200-380	D06 D06 E05 E05 F02 F02 F02 F02 F02																							
200-500	E05 F02 F02 F02 F02 F02 F02 F02 F05																							
250-315	D06 D06 D06 D06 E05 E05 E05 F02 F02																							
250-360	D06 D06 D06 E05 E05 E05 F02 F02 F02 F02 F02																							
250-380	D06 E05 E05 F02 F02 F02 F02 F02																							
300-300	D06 D06 D06 E05 E05 F02 F02 F02 F02 F02																							
300-310	D06 D06 E05 E05 F02 F02 F02 F02																							
300-350	E05 E05 F02 F02 F02 F02 F02																							
300-400	F02 F02 F02 F02 F02 F02																							
350-350	E05 E05 F02 F02 F02 F02 F02 F02																							

For E-pump with pump versions A1, I1

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-130.1-2P	A01	B01	B01	B01	C01	C02									
32-130-2P	A01	B01	B01	B01	C01	C02									
32-130-4P	A01														
32-165.1-2P		B01	B01	B01	C01	C02		C02							
32-165.1-4P	A01	B01													
32-180-2P		B01	B01	B01	C01	C02		C02							
32-180-4P	A01	B01													
32-205.1-2P				B01	C01	C02									
32-205.1-4P	A01	B01	B01	B01											
40-130-2P			B01	B01	C01	C02		C02							
40-130-4P	A01	B01	B01												
40-180-2P				B01	C01	C02		C02		C02		C02			
40-180-4P	A01	B01	B01	B01											
40-220-2P						C03		C03		C03		C03		D02	
40-220-4P	A01	B01	B01	B01	C01										
40-225-2P						C03		C03		C03		C03		D02	
40-225-4P	A01	B01	B01	B01	C01	C02									
50-130-2P				B01	C01	C02		C02		C02					
50-130-4P	A01	B01	B01	B01											
50-225-2P						C03		C04		C04		C04		D02	
50-225-4P	A01	B01	B01	B01	C01	C02									
50-280-2P										C04		C04		D02	
50-280-4P				B01	C01	C02	C02		C02						
50-350				B03	C03	C03	C03		C04						
65-130-2P					C01	C02		C02		C02		C02		D02	
65-130-4P	A01	B01	B01	B01											
65-180-2P					C01	C02		C02		C02					
65-180-4P	A01	B01	B01	B01											
65-225-2P								C04		C04		C04		D02	

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
65-225-4P	B01	B01	B01	C01	C02	C02									
65-280			B03	C03	C03	C03		C04		C04		D02			
80-180-2P					C02	C02		C02		C02		D01			
80-180-4P	A01	B01	B01	B01	C01										
80-225-2P											C04		D02		
80-225-4P		B01	B01	C01	C02	C02		C02		C02					
80-280				C03	C03	C03		C04							
80-350					C03	C03		C04		C04		D02		D02	
100-180-2P					C02	C02		C02		C02		D01			
100-180-4P	B01	B01	B01	C01	C02										
100-225-4P			B01	C01	C02	C02		C02		C02					
125-180-2P							C02		C02		C02		D01		
125-180-4P		B01	B01	C01	C02	C02									
125-225					C03	C03		C04		C04		D02		D02	
150-225					C03	C03		C04		C04		D02		D02	
200-350								C05		C05		D04		D04	
250-315								D06		D06		D06		D06	

For fixed pump with pump versions: G1, H1, J1, K1

Pump size	Motor frame size																											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X			
40-220-2P								C03		C03	C03	D02	D02															
40-225-2P								C03		C03	C03	D02	D02															
65-210-2P											C03	D02	D02		D02		E06											
65-225-2P											C06	D05	D05		D05		E04											
80-180.1-2P															D02													
80-380											C06		D05	D05	E04	E04	E04	F04										
100-180-2P											C03	C03	D02	D02														
125-360													D05	D05	E04	E04	E04	F04	F04	F04								
200-350									C06	C06	C06	D05	D05	E04	E04	E04	F04	F04	F04	F04	F04							
300-310													D06	D06	E05		E05	F02	F02	F02	F02	F02						
300-350																		F02	F02	F02	F02		F02	F02				
300-400																					F02	F02	F05					
350-350																		F02	F02	F02	F02	F02	F02	F02				

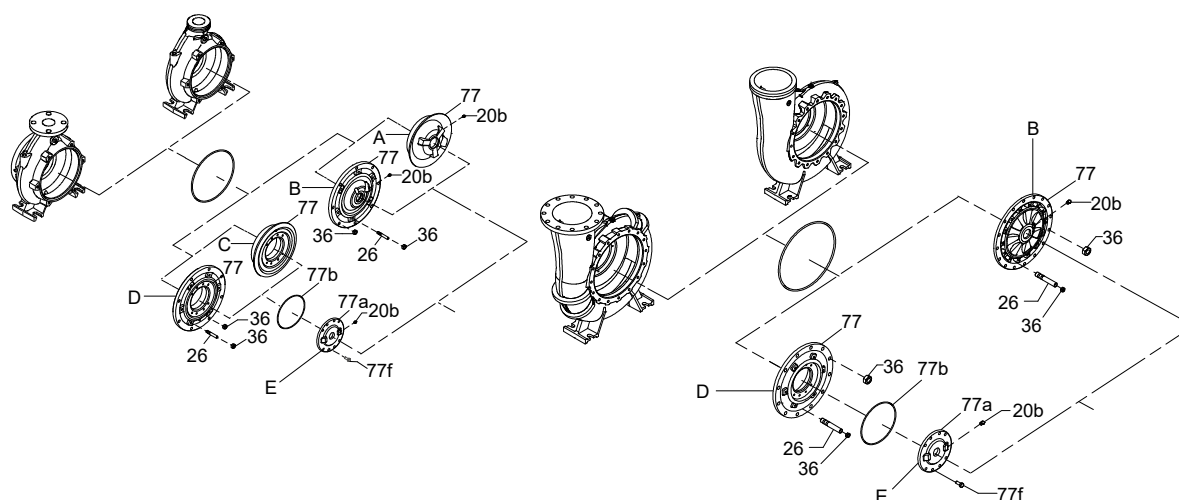
For E-pump with pump versions G1, H1, J1, K1

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-205.1-2P						C03		C03							
40-220-2P						C03		C03		C03		C03		D02	
40-225-2P						C03		C03		C03		C03		D02	
50-350											C06		C06		C06
65-180-2P												C03		D02	
80-180-2P														D02	
80-280											C06		C06		C06
100-225-4P													D02		D02

Step 3: Use the coupling guard code, check the material of the coupling guard, and find the needed kit.

Coupling guard code	Coupling guard cpl.	Kit - Coupling guard for standard coupling
		Black painted steel
A01	D125 PCD100 94/109	92722965
A03	D125 PCD100 110/154	92722966
B01	D140 PCD100 94/134	92722967
B03	D140 PCD116 144/184	92722968
B04	D140 PCD100 110/154	92722969
B05	D140 PCD100 144/204	92722980
C01	D180 PCD100 124/139	92722981
C02	D180 PCD100 144/204	92722982
C03	D180 PCD116 144/204	92722983
C04	D180 PCD116 174/234	92722984
C05	D180 PCD146 174/264	92722985
C06	D180 PCD155 174/264	92722986
C07	D180 PCD116 174/288	92722987
C08	D180 PCD146 174/288	92722988
D01	D220 PCD100 174/234	92722989
D02	D220 PCD116 174/234	92722990
D03	D220 PCD116 220/260	92722991
D04	D220 PCD146 220/280	92722992
D05	D220 PCD155 220/280	92722993
D06	D220 PCD200 220/280	92722994
E01	D270 PCD100 220/280	92722995
E02	D270 PCD116 260/350	92722996
E03	D270 PCD146 260/320	92722997
E04	D270 PCD155 260/320	92722998
E05	D270 PCD200 260/350	92722999
E06	D270 PCD116 220/280	92723000
E07	D270 PCD146 260/404	92723001
F01	D350 PCD146 260/374	92723002
F02	D350 PCD200 260/374	92723003
F03	D350 PCD146 310/424	92723004
F04	D350 PCD155 260/374	92731219
F05	D350 PCD200 310/424	92723005

Kit/spare - Covers



TM1040102

NOTE! Wear ring for covers will not be offered.

A - Kit - Insert cover

20b: Plug (in vent hole)

77: Cover

C - Spare - Insert cover

77: Cover

B - Kit - Bolt-in cover

20b: Plug

26: Needed number of stay bolts

36: Needed number of hex nuts

77: Cover

D - Kit - Bolt-in cover

26: Needed number of stay bolts

36: Needed number of hex nuts

77: Cover

E - Kit - Seal cover

20b: Plug (in vent hole)

77a: Seal cover

77f: Needed number of hex head screws

Step 1: Find the pump size and the cover code and the seal cover code if necessary.

Pump size	Cover code	Seal cover code	Pump size	Cover code	Seal cover code
32-130.1-2P	U1	A	80-280	H	C
32-130.1-4P	U1	A	80-350	M	C
32-130-2P	U1	A	80-380	Q	F
32-130-4P	U1	A	100-180-2P	A2	B
32-165.1-2P	U2	B	100-180-4P	A2	B
32-165.1-4P	U1	A	100-225.1-2P	F2	D
32-180-2P	A1	A	100-225.1-4P	C	B
32-180-4P	A1	A	100-225-2P	F2	D
32-205.1-2P	V1	B	100-225-4P	C	B
32-205.1-4P	V2	A	100-280	H	C
40-130-2P	U2	B	100-350	M	C
40-130-4P	U1	A	100-360	Q	F
40-180-2P	A2	B	100-380	Q	F
40-180-4P	A1	A	125-180-2P	A2	B
40-190-2P	V1	B	125-180-4P	A2	B
40-190-4P	V2	A	125-225	D	D
40-220-2P	B	B	125-280	H	C
40-220-4P	B	B	125-320	M	C
40-225-2P	B	B	125-350	N	F
40-225-4P	B	B	125-355	N	F
50-130-2P	U2	B	125-360	Q	F
50-130-4P	U1	A	125-380	Q	F
50-220-2P	E	E	150-225	D	D
50-220-4P	B	B	150-280	K	F
50-225-2P	E	E	150-300	P	F
50-225-4P	B	B	150-350.1	P	F
50-280-2P	E	E	150-350	P	F
50-280-4P	B	B	150-355	T	G
50-350	L	C	150-360	Q	F
65-130-2P	U2	B	150-380	T	G
65-130-4P	U1	A	150-390	T	G
65-180-2P	A2	B	200-300	P	F
65-180-4P	A1	A	200-350	P	F
65-210-2P	AG	B	200-380	S	G
65-210-4P	AG	B	200-500	W	H
65-225-2P	F1	E	250-315	T1	G
65-225-4P	C	B	250-360	S	G
65-280	H	C	250-380	S	G
80-180.1-2P	A2	B	300-300	S1	G
80-180-2P	A2	B	300-310	X	G
80-180-4P	A1	A	300-350	S1	H
80-225-2P	F2	D	300-400	Y	H
80-225-4P	C	B	350-350	Z	H

Step 2: Use the cover code and the material code to find the correct cover kit.



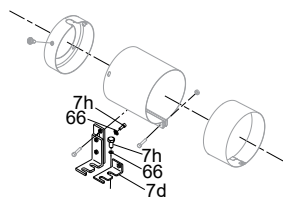
Material code

Cover code	Material code			
	S3, S4, S5, S8, S9, SK, SL, T2, T3 (Cast iron - EN-GJL-250) - PN 10/16		SB, SC, SD, SG, SH, SI, SJ, TA, TB (Ductile iron - EN-GJS-500-7) - PN 25	
	Cover, insert (Pos A)	Cover, bolt in (Pos B)	Cover, insert (Pos C)	Cover, bolt in (Pos D)
U1	92729764	-	92729015	-
U2	92729765	-	92729015	-
V1	-	92729745	-	92729766
V2	-	92729746	-	92729766
A1	92729761	-	92521769	-
A2	92729762	-	92521769	-
AG	-	93455108	-	93455110
B	-	92729747	-	92729767
C	-	92729748	-	92729768
D	-	92729749	-	92729769
E	-	92729750	-	92729770
F1	-	92729751	-	92729771
F2	-	92729752	-	92729771
H	-	92729753	-	92729772
K	92729763	-	92521768	-
L	-	92729754	-	92729773
M	-	92729755	-	92729774
N	-	92729756	-	92729775
P	-	92729757	-	92729776
Q	-	92729758	-	92729777
S	-	92729759	-	92729778
S1	-	92729778	-	92729778
T	-	92729760	-	92729779
T1	-	92729779	-	92729779
W	-	92782987	-	92782987
X	-	92782989	-	92782989
Y	-	92782991	-	92782991
Z	-	92782993	-	92782993

Step 3: Use the seal cover code to find the correct seal cover kit.

Seal cover code	Kit, seal cover (all covers in 1.4517)
A	92729780
B	92729781
C	92729782
D	92729783
E	92729784
F	96887298
G	97536504
H	97536509

Kit - Foot for spacer coupling guard



TM1040109

Kit - Foot for spacer coupling guard

7d: Foot for coupling guard

7h: Needed number of screws

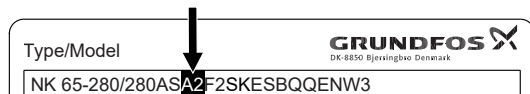
66: Needed number of washers

Step 1: Find the motor frame size on the motor nameplate.



TM090981

Step 2: Use the pump version code, the pump size, and the motor frame size to find the foot code.



Pump version code

For fixed pump with pump versions A2, I2

Pump size	Motor frame size																			
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S
32-130.1-2P		F07	F07	F07	F07	F07		F13												
32-130.1-4P	F07	F07																		
32-130-2P		F07	F07	F07	F07	F07		F13												
32-130-4P	F07	F07																		
32-165.1-2P			F13	F13	F13	F13		F13												
32-165.1-4P	F13	F13																		
32-180-2P			F13	F13	F13	F13		F13		F20										
32-180-4P	F13	F13	F13																	
32-205.1-2P					F20	F20		F20		F20										
32-205.1-4P	F20	F20	F20	F20																
40-130-2P			F07	F07	F07	F07		F14												
40-130-4P	F07	F07	F07																	
40-180-2P				F13	F13	F13		F13		F20										
40-180-4P	F13	F13	F13	F13	F13															
40-190-2P								F20		F20	F20									
40-190-4P		F20	F20	F20	F20															
40-220-4P		F21	F21	F21	F21		F21													
40-225-4P		F21	F21	F21	F21		F21	F21												
50-130-2P					F13	F13		F13		F20										
50-130-4P	F13	F13	F13	F13																

Pump size	Motor frame size																											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X			
50-220-2P	F20								F20	F20	F19																	
50-220-4P	F21	F21	F21	F21																								
50-225-2P	F20								F20	F20	F19	F21	F22															
50-225-4P	F21	F21	F21	F21	F21	F21																						
50-280-2P	F20								F20	F19	F21	F22	F22	F24														
50-280-4P	F21				F21	F21	F21	F21																				
50-350	F23				F23	F23	F23	F23	F23	F23	F22																	
60-130-2P	F20				F20	F20	F20																					
60-130-4P	F20	F20	F20	F20																								
65-180-2P	F20				F20	F20	F20	F19																				
65-180-4P	F20	F20	F20	F20																								
65-210-4P	F21	F21	F21	F21	F21	F21	F21	F21	F21																			
65-225-2P	F22								F22	F21	F21																	
65-225-4P	F22	F22	F22	F22	F22	F22	F22	F22	F22																			
65-280	F22		F22	F22	F22	F22	F22	F22	F22																			
80-180.1-2P	F20								F20	F19																		
80-180-2P	F20				F20	F20	F19	F21																				
80-180-4P	F20	F20	F20	F20	F20																							
80-225-2P	F22								F21	F21	F22	F22	F24	F24														
80-225-4P	F22		F22	F22	F22	F22	F22	F22	F22																			
80-280	F22			F22	F22	F22	F22	F22	F22	F22																		
80-350	F24				F24	F24	F24	F24	F24	F24	F24																	
80-380	F24								F24	F24	F24	F24	F24	F24														
100-180-2P	F21								F21	F21	F20																	
100-180-4P	F21	F21	F21	F21	F21	F21																						
100-225.1-2P	F22								F22	F22	F24	F24																
100-225.1-4P	F24			F24	F24	F24	F24	F24	F24	F23																		
100-225-2P	F22								F22	F22	F24	F24																
100-225-4P	F24			F24	F24	F24	F24	F24	F24	F23																		
100-280	F23				F23	F23	F23	F23	F23	F22	F22																	
100-350	F24				F24	F24	F24	F24	F24	F24	F24	F24																
100-360	F24								F24	F24	F24	F24	F24	F24	F24	F24												
100-380	F24								F24	F24	F24	F24	F24	F24	F24	F24	F24	F24	F23									
125-180-2P	F22								F22	F21	F21	F22	F22															
125-180-4P	F22	F22	F22	F22	F22	F22	F22	F22																				
125-225	F24				F24	F24	F24	F24	F24	F24	F24																	
125-280	F24				F24	F24	F24	F24	F24	F24	F24																	
125-320	F25								F25	F25	F24	F24	F24	F24	F24													
125-350	F24								F24	F24	F24	F24	F24	F24	F24	F24												
125-355	F24								F24	F24	F24	F24	F24	F24	F24	F24	F24	F23	F23	F23								
125-360	F25								F25	F25	F25	F25	F25	F25	F25	F25												
125-380	F25								F25	F25	F25	F25	F25	F25	F25	F25	F25	F23	F23	F23								
150-225	F25				F25	F25	F25	F25	F24	F24	F24																	
150-280	F24								F24	F24	F24	F24	F24	F24	F24													
150-300	F24								F24	F24	F24	F24																
150-350.1	F24								F24	F24	F24	F24	F24	F24	F24	F24												
150-350	F24								F24	F24	F24	F24	F24	F24	F24	F24												
150-355	F25												F25	F25	F25	F25	F25	F25	F23	F23	F23							
150-360	F25												F25	F25	F25	F25	F25	F25	F25	F23	F23	F23						
150-380	F25												F25	F25	F25	F25	F25	F25	F23	F23	F23							
150-390	F25												F25	F25	F25	F25	F25	F23	F23	F23	F24							
200-300	F26												F26	F26	F26	F26	F26	F26										

Pump size	Motor frame size																								
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
200-350									F26	F26	F26		F26	F26	F26	F26	F26	F26	F26	F24	F24	F24			
200-380													F26	F26		F26	F26	F26	F26	F25	F25	F25			
200-500																	F26	F26	F26	F25	F25	F25	F25	F25	F25
250-315										F26	F26		F26	F26	F26	F26	F26	F26	F26						
250-360											F27		F27	F27	F27	F27	F27	F27	F27	F26	F26	F26			
250-380														F27		F27	F27	F27	F27	F26	F26	F26			
300-300											F28		F28	F28		F28	F28	F28	F28	F27	F27	F27			
300-310													F28	F28		F28	F28	F28	F28	F27	F27				
300-350																F27	F27	F27	F27	F26	F26	F26			
300-400																			F27	F26	F26	F26	F26	F26	F26
350-350																F29	F29	F29	F29	F28	F28	F28			

For E-pump with pump versions A2, I2

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-130.1-2P	F07	F07	F07	F07	F07	F13									
32-130-2P	F07	F07	F07	F07	F07	F13									
32-130-4P	F07														
32-165.1-2P		F13	F13	F13	F13	F13		F20							
32-165.1-4P	F13	F13													
32-180-2P		F13	F13	F13	F13	F13		F20							
32-180-4P	F13	F13													
32-205.1-2P				F20	F20	F20									
32-205.1-4P	F20	F20	F20	F20											
40-130-2P			F07	F07	F07	F14		F20							
40-130-4P	F07	F07	F07												
40-180-2P				F13	F13	F13		F20		F20		F20			
40-180-4P	F13	F13	F13	F13											
40-220-2P															
40-220-4P	F21	F21	F21	F21	F21										
40-225-2P															
40-225-4P	F21	F21	F21	F21	F21	F21									
50-130-2P				F13	F13	F13		F20		F20					
50-130-4P	F13	F13	F13	F13											
50-225-2P						F20		F20		F20		F20		F19	
50-225-4P	F21	F21	F21	F21	F21	F21									
50-280-2P										F20		F20		F19	
50-280-4P				F21	F21	F21	F21		F21						
50-350				F23	F23	F23	F23		F23						
65-130-2P					F20	F20		F20		F20		F20		F20	
65-130-4P	F20	F20	F20	F20											
65-180-2P					F20	F20		F20		F20					
65-180-4P	F20	F20	F20	F20											
65-225-2P							F22		F22		F22		F22		F21
65-225-4P		F22	F22	F22	F22	F22	F22								
65-280				F22	F22	F22	F22		F22		F22			F20	
80-180-2P						F20		F20		F20		F20		F19	
80-180-4P	F20	F20	F20	F20	F20										
80-225-2P												F22		F21	
80-225-4P			F22	F22	F22	F22	F22		F22		F22				

Pump size	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
80-280					F22	F22	F22		F22						
80-350						F24	F24		F24		F24		F24		F24
100-180-2P						F21		F21		F21		F21		F20	
100-180-4P		F21	F21	F21	F21	F21									
100-225-4P				F24	F24	F24	F24		F24		F23				
125-180-2P								F22		F22		F22		F21	
125-180-4P			F22	F22	F22	F22	F22								
125-225						F24	F24		F24		F24		F24		F24
150-225						F25	F25		F25		F25		F24		F24
200-350									F26		F26		F26		F26
250-315									F26		F26		F26		F26

For fixed pump with pump versions G2, H2, J2, K2

Pump size	Motor frame size																									
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X	
40-220-2P								F20		F20	F20	F19		F21												
40-225-2P								F20		F20	F20	F19		F21												
65-210-2P											F21	F20		F21		F22	F22									
65-225-2P											F21	F21		F21		F22	F22									
80-180.1-2P														F21												
80-380											F24		F24	F24	F24	F24	F24	F24								
100-180-2P										F21	F21	F20		F21												
125-360													F25	F25	F25	F25	F25	F25	F25	F23						
200-350									F26	F26	F26		F26	F26	F26	F26	F26	F26	F26	F24	F24	F24				
300-310													F28	F28		F28	F28	F28	F28	F27	F27	F27				
300-350																		F27	F27	F26		F26	F26	F26		
300-400																						F26	F26		F26	
350-350																		F29	F29	F28	F28	F28	F28	F28		

For E-pump with pump versions G2, H2, J2, K2

Frame	Motor frame size														
	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-205.1-2P						F19		F19							
40-220-2P						F20		F20		F20		F20		F19	
40-225-2P						F20		F20		F20		F20		F19	
50-350											F22		F22		F22
65-180-2P												F19		F14	
80-180-2P														F14	
80-280											F20		F20		F20
100-225-4P													F22		F22

Step 3: Use the foot code, and find the needed kit.

Foot code	Foot cpl. for coupling guard	Kit - Foot for spacer coupling guard
F07	41-42 mm	96930803
F13	59-60 mm	96848539
F14	62-63 mm	96847089
F19	82-83 mm	96848477
F20	84-103 mm	96848478
F21	104-115 mm	96848498
F22	116-145 mm	96848499
F23	146-154 mm	96848532
F24	155-199 mm	96848500
F25	200-237 mm	96848501
F26	238-309 mm	96848533
F27	310-371 mm	95131726
F28	372-411 mm	99489229
F29	412-471 mm	92731380

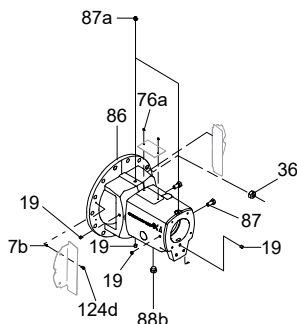
Kit - Heavy Duty bearing bracket, re-greaseable

Heavy Duty bearing bracket codes: G1, G2, J1, J2, W1



Pump version code

Bearing bracket, H.D. re-greaseable



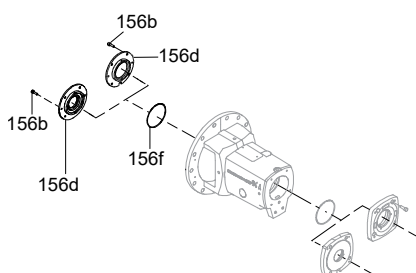
TM1040112

Kit - Bearing bracket, H.D. re-greaseable

- 7b: 4 × lock washer
- 19: 2 × Plug (for thermal measurement)
- 19: 2 × Plug (grease circuit)
- 36: Needed number of nuts
- 76a: 2 × Rivet
- 86: Bearing bracket
- 87a: 2 × Grease nipple
- 87: 2 × Hexagon socket head cap screw
- 88b: 3/8" composite plug, incl. O-ring, drain
- 124d: 4 × Screw for shaft guard
- SPM – Shock Pulse Measuring fittings can optionally be mounted in these bores



Front bearing cover, H.D. re-greaseable

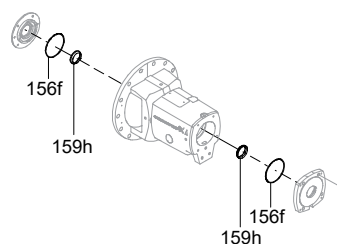


TM1040116

Kit - Front bearing cover, H.D. re-greaseable

- 156b: 4 × Hex socket head screw
- 156d: Bearing cover, front
- 156f: O-ring

V-ring, H.D. re-greaseable

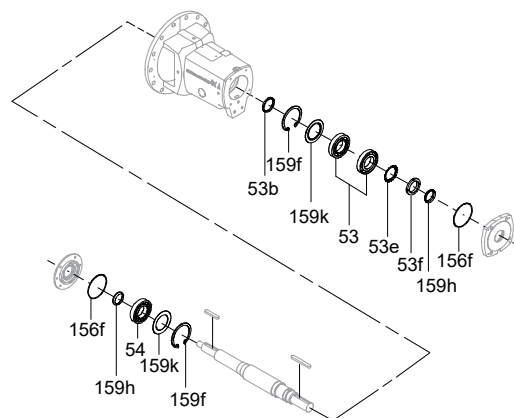


TM1040119

Kit - V-ring, H.D. re-greaseable

- 156f: 2 × O-ring
- 159h: 2 × V-ring

Bearing, H.D. re-greaseable

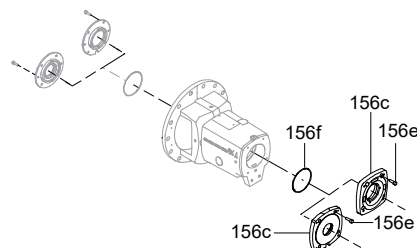


TM1040110

Kit - Bearing, H.D. re-greaseable

- 53: 2 × Angular contact bearing
- 53b: Spacer ring (depending on shaft size, including in D42, D48, D60)
- 53e: Lock washer
- 53f: Lock nut
- 54: Rolling bearing
- 156f: 2 × O-ring
- 159f: 2 × Lock ring
- 159h: 2 × V-ring
- 159k: 2 × Grease retainer ring

End bearing cover, H.D. re-greaseable

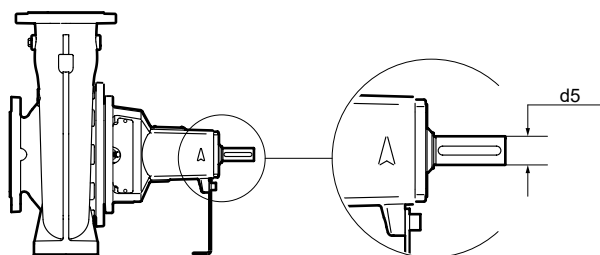


TM1040117

Kit - End bearing cover, H.D. re-greaseable

- 156c: Bearing cover, end
- 156e: 4 × Hex socket head screw
- 156f: O-ring

Step 1: Find the pump size and measure the diameter d5 of the pump end.

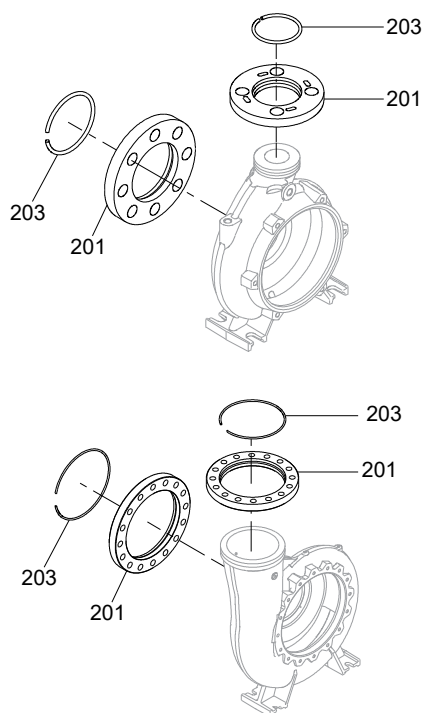


Pump size	d5	Pump size	d5	Pump size	d5
32-130.1-2P	D16A	65-130-2P	D24	125-225	D32S(S)
32-130.1-4P	D16A	65-130-4P	D16	125-280	D32
32-130-2P	D16A	65-180-2P	D24	125-320	D32
32-130-4P	D16A	65-180-4P	D16	125-350	D42
32-165.1-2P	D24	65-210-2P	D24	125-355	D42
32-165.1-4P	D16	65-210-4P	D24	125-360	D42
32-180-2P	D16	65-225-2P	D32S(S)	125-380	D42
32-180-4P	D16	65-225-4P	D24	150-225	D32S(S)
32-205.1-2P	D24	65-280	D32	150-280	D42
32-205.1-4P	D16	80-180.1-2P	D24	150-300	D42
40-130-2P	D24	80-180-2P	D24	150-350.1	D42
40-130-4P	D16	80-180-4P	D16	150-350	D42
40-180-2P	D24	80-225-2P	D32S(S)	150-355	D48
40-180-4P	D16	80-225-4P	D24	150-360	D42
40-190-2P	D24	80-280	D32	150-380	D48
40-190-4P	D16	80-350	D32	150-390	D48
40-220-2P	D24	80-380	D42	200-300	D42
40-220-4P	D24	100-180-2P	D24	200-350	D42
40-225-2P	D24	100-180-4P	D24	200-380	D48
40-225-4P	D24	100-225.1-2P	D32S	200-500	D60
50-130-2P	D24	100-225.1-4P	D24	250-315	D48
50-130-4P	D16	100-225-2P	D32S(S)	250-360	D48
50-220-2P	D32S(S)	100-225-4P	D24	250-380	D48
50-220-4P	D24	100-280	D32	300-300	D48
50-225-2P	D32S(S)	100-350	D32	300-310	D48
50-225-4P	D24	100-360	D42	300-350	D60
50-280-2P	D32S(S)	100-380	D42	300-400	D60
50-280-4P	D24	125-180-2P	D24	350-350	D60
50-350	D32	125-180-4P	D24		

Step 2: Use the d5 dimension to find the needed kit.

d5	Kit - Bearing bracket	Kit - Bearing	Kit - V-ring	Kit - End bearing cover	Kit - Front bearing cover
D16	-	-	-	-	-
D24	92729022	92729009	92729019	92729016	98819584
D32S(S)	92729023	92729010	92729020	92729017	98819677
D32	92837594	92729010	92729020	92729017	98819677
D42	92729024	92729012	92729021	92729018	98819874
D48	92837595	92837591	92837593	92837592	98819880
D60	92837596	92837591	92837593	92837592	98819880

Kit - Loose flange(s)

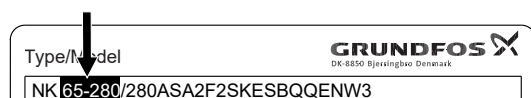
**Kit - Flange for inlet**

201: Flange
203: Lock ring

Kit - Flange for outlet

201: Flange
203: Lock ring

Step 1: Check with pump in the list and note inlet and outlet sizes of the flanges.



Pump size

Pump size	Flange size		
	Inlet	Outlet	Nom. Imp.
32-130.1	50	32	130.1
32-130	50	32	130
32-165.1	50	32	165.1
32-180	50	32	180
32-205.1	50	32	205.1
40-130	65	40	130
40-180	65	40	180
40-190	65	40	190
40-220	65	40	220
40-225	65	40	225
50-130	65	50	130
50-220	65	50	220
50-225	65	50	225
50-280	65	50	280
50-350	65	50	350
65-130	80	65	130
65-180	80	65	180

Pump size	Flange size		
	Inlet	Outlet	Nom. Imp.
65-210	80	65	210
65-225	80	65	225
65-280	80	65	280
80-180.1	100	80	180.1
80-180	100	80	180
80-225	100	80	225
80-280	100	80	280
80-350	100	80	350
80-380	100	80	380
100-180	125	100	180
100-225.1	125	100	225.1
100-225	125	100	225
100-280	125	100	280
100-350	125	100	350
100-360	125	100	360
100-380	125	100	380
125-180	150	125	180
125-225	150	125	225
125-280	150	125	280
125-320	150	125	320
125-350	150	125	350
125-355	150	125	355
125-360	150	125	360
125-380	150	125	380
150-225	200	150	225
150-280	200	150	280
150-300	200	150	300
150-350.1	200	150	350.1
150-350	200	150	350
150-355	200	150	355
150-360	200	150	360
150-380	200	150	380
150-390	200	150	390
200-300	250	200	300
200-350	250	200	350
200-380	250	200	380
200-500	250	200	500
250-315	300	250	315
250-360	300	250	360
250-380	300	250	380
300-300	350	300	300
300-310	350	300	310
300-350	350	300	350
300-400	350	300	400
350-350	400	350	350

Step 2: Use the inlet/outlet flange size and the pressure rating to find the loose flange kit.

NOTE! Not all models are fit with loose flanges.

Type/Model



NK 65-280/280ASA2F2SKESBQQENW3

TM085589

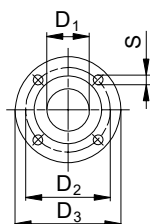
Pressure rating

1 = 10 bar (PN10)

2 = 16 bar (PN16)

3 = 25 bar (PN25)

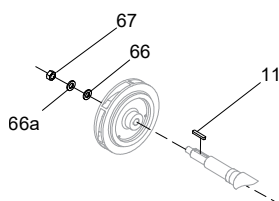
4 = 40 bar (PN40)



TM027720

Flange size		Kit - Loose flange		D1 [mm]	D2 [mm]	D3 [mm]	S
		PN16	PN25				
Outlet	40	-	97904822	40	110	150	4 x Φ19
Outlet	50	-	97904819	50	125	165	4 x Φ19
Inlet/outlet	65	-	97904830	65	145	185	8 x Φ18
Inlet/Outlet	80	-	97521263	80	160	200	8 x Φ19
Inlet/Outlet	100	-	99432755	100	190	235	8 x Φ23
Inlet/Outlet	125	-	97521265	125	220	270	8 x Φ28
Outlet	150	97521268	-	150	240	285	8 x Φ23
Inlet/outlet	150	-	97521267	150	250	300	8 x Φ28
Inlet/outlet	200	97521270	-	200	295	340	12x Φ23
Inlet/outlet	200	-	97739724	200	310	360	12 x Φ28
Inlet	250	99248531	-	250	355	405	12 x Φ28
Inlet	250	-	99248532	250	370	425	12 x Φ31

Kit/Bulk - Nut, washers and key for impeller



TM1040103

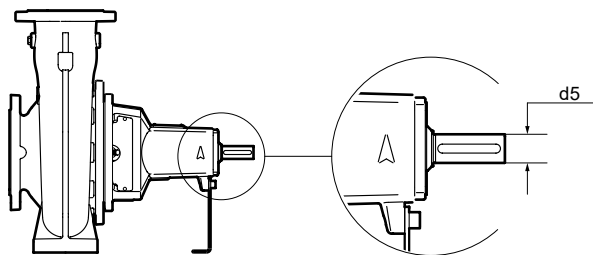
Kit - Nut, washers and key for impeller

11: Key
66: Washer
66a: Lock washer
67: Hex nut

Bulk - Nut

67: 5 × Hex nut

Step 1: Find the pump size, measure and note the diameter d5 of the pump end.



Pump size	d5	Pump size	d5	Pump size	d5
32-130.1-2P	D16	65-130-2P	D24	125-225	D32
32-130.1-4P	D16	65-130-4P	D16	125-280	D32
32-130-2P	D16	65-180-2P	D24	125-320	D32
32-130-4P	D16	65-180-4P	D16	125-350	D42
32-165.1-2P	D24	65-210-2P	D24	125-355	D42
32-165.1-4P	D16	65-210-4P	D24	125-360	D42
32-180-2P	D16	65-225-2P	D32	125-380	D42
32-180-4P	D16	65-225-4P	D24	150-225	D32
32-205.1-2P	D24	65-280	D32	150-280	D42
32-205.1-4P	D16	80-180.1-2P	D24	150-300	D42
40-130-2P	D24	80-180-2P	D24	150-350.1	D42
40-130-4P	D16	80-180-4P	D16	150-350	D42
40-180-2P	D24	80-225-2P	D32	150-355	D48
40-180-4P	D16	80-225-4P	D24	150-360	D42
40-190-2P	D24	80-280	D32	150-380	D48
40-190-4P	D16	80-350	D32	150-390	D48
40-220-2P	D24	80-380	D42	200-300	D42
40-220-4P	D24	100-180-2P	D24	200-350	D42
40-225-2P	D24	100-180-4P	D24	200-380	D48
40-225-4P	D24	100-225.1-2P	D32	200-500	D60
50-130-2P	D24	100-225.1-4P	D24	250-315	D48
50-130-4P	D16	100-225-2P	D32	250-360	D48
50-220-2P	D32	100-225-4P	D24	250-380	D48
50-220-4P	D24	100-280	D32	300-300	D48
50-225-2P	D32	100-350	D32	300-310	D48
50-225-4P	D24	100-360	D42	300-350	D60
50-280-2P	D32	100-380	D42	300-400	D60
50-280-4P	D24	125-180-2P	D24	350-350	D60
50-350	D32	125-180-4P	D24		

Step 2: Use the d5 diameter and the material code to find the needed kit.

Type/Model

DK-8850 Bjerringbo Denmark

NK 65-280/280ASA2F2SKESBQQENW3

Material code

Kit - Nut, washers and key

d5	Nut	Material code			
		S3, SB	S4, S8, SC, SG	S5, S9, SD, SH, T2, TA	SI, SJ, SK, SL, T3, TB
		Material			
		1.4301	1.4401	1.4462	1.4410
D16	M12	92521562	92521567	92521572	92744147
D24	M14	92521559	96939128	96939129	92744148
D32	M18	92521560	92743279	96939131	92744149
D42	M24	92521561	96939132	96939133	92744160
D48	M27	92521563	96939134	96939135	92744161
D60	M33	92728998	92728997	92728999	92744162

Bulk - Nut

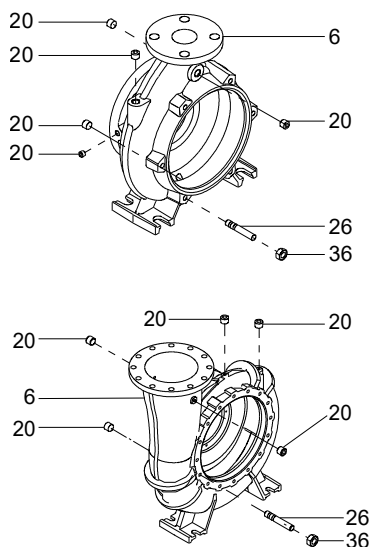
d5	Nut	Material code			
		S3, SB	S4, S8, SC, SG	S5, S9, SD, SH, T2, TA	SI, SJ, SK, SL, T3, TB
		Material			
		1.4301	1.4401	1.4539	1.4410
D16	M12	92526533	92526536	92579695	NA
D24	M14	92526531	92514630	92514636	NA
D32	M18	92526535	92514631	92514637	NA
D42	M24	92526532	92514632	92514638	NA
D48	M27	92526534	92514633	92514639	NA
D60	M33	92729004	92514635	92514640	NA

Kit - Pump housing without wear ring

Pump housing without wear ring: The interface between the pump housing and the impeller is machined in the cast iron pump housing.

PN 10 (16) / Class 125 (150)

EN-GJL-250 / ASTM A48 class 35



NOTE! Plugs (20) in the pump housing are described in section [3.18 Pump housing plugs](#).

Kit - Pump housing without wear ring, cast iron - low pressure

6: Pump housing

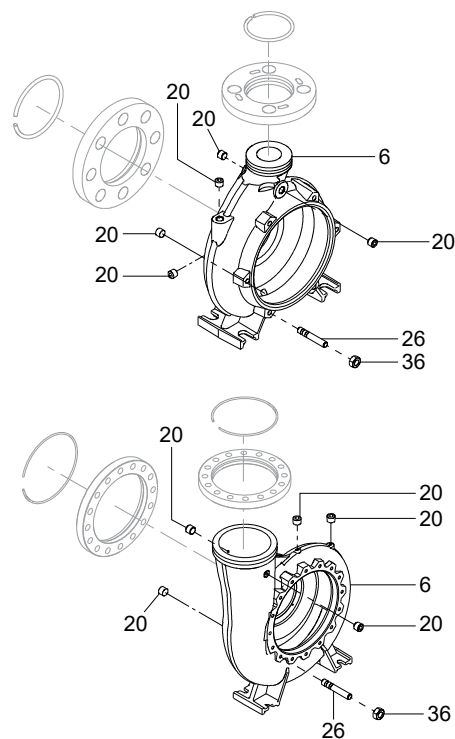
20: Needed number of plugs for draining, filling, sensor and shaft seal flushing

26: Needed number of stay bolts

36: Needed number of nuts that fit stay bolts

PN 25 / Class 300

EN-GJS-500-7 / ASTM 70-50-05



NOTE! Plugs (20) in the pump housing are described in section [3.18 Pump housing plugs](#).

Kit - Pump housing without wear ring, cast ductile iron - high pressure

6: Pump housing

20: Needed number of plugs for draining, filling, sensor and shaft seal flushing. Not for coated version.

26: Needed number of stay bolts

36: Needed number of nuts that fit stay bolts

Step 1: Find the pump size and note the pump housing code.

Pump size	Pump housing code	Pump size	Pump housing code
32-130.1	F1	100-360	I5
32-130	F2	100-380	E6
32-165.1	G	125-180	A6
32-180	A1	125-225	B7
32-205.1	H	125-280	C7
40-130	F3	125-320	P
40-180	A2	125-350	D7
40-190	N	125-355	D7a
40-220	B2a	125-360	Q1
40-225	B2	125-380	E7
50-130	F4	150-225	B8
50-225	B3	150-280	C8
50-220	B3a	150-300	I1
50-280	C3	150-350.1	D8
50-350	D3	150-350	D8
65-130	F5	150-355	D8a
65-180	A3	150-360	Q2
65-210	S	150-380	E8
65-225	B4	150-390	R
65-280	C4	200-300	I2
80-180.1	A4	200-350	DA
80-180	A4	200-380	EB
80-225	B5	200-500	K
80-280	C5	250-315	DE
80-350	D5	250-360	DB
80-380	E5	250-380	EA
100-180	A5	300-300	I3
100-225.1	B6	300-310	I4
100-225	B6	300-350	DC
100-280	C6	300-400	J
100-350	D6	350-350	DD

Step 2: Use the pump housing code and the material code to find the pump housing kit.

Type/Model

NK 65-280/280ASA2F2SKESBQENW3



Material code

Pump housing code	Material code		
	S3, S4, S5, S8, S9, SK, SL, T2, T3		SB, SC, SD, SG, SH, SI, SJ, TA, TB
	(Cast iron, EN-GJL-250)		(Ductile iron EN-GJS-500-7)
	PN 10	PN 16	PN 25
A1	92728522	92728522	92783067
A2	92728524	92728524	92783068
A3	92728537	92728537	92783070
A4	92728543	92728543	92783071
A5	92728551	92728551	92783072
A6	92728561	92728561	92783073
B2	92728528	92728528	92783075
B2a	92728526	92728526	92783074
B3	92728530	92728530	92783076

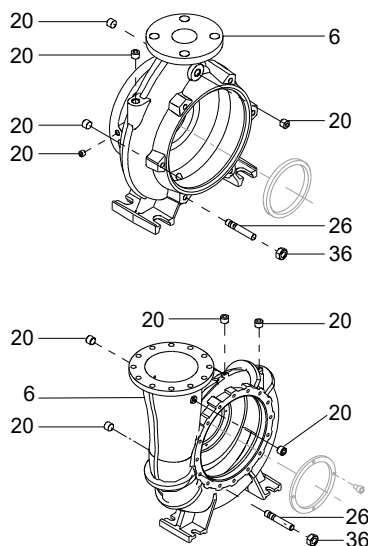
Pump housing code	Material code		
	S3, S4, S5, S8, S9, SK, SL, T2, T3		SB, SC, SD, SG, SH, SI, SJ, TA, TB
	(Cast iron, EN-GJL-250)		(Ductile iron EN-GJS-500-7)
	PN 10	PN 16	PN 25
B3a	93202069	93202069	-
B4	92728539	92728539	92783077
B5	92728545	92728545	92783078
B6	92728553	92728553	92783079
B7	92728563	92728563	92783080
B8	92728571	92783081	92783081
C3	92728532	92728532	92783082
C4	92728541	92728541	92783083
C5	92728547	92728547	92783084
C6	92728555	92728555	92783085
C7	92728565	92728565	92783086
C8	92728573	92783087	92783087
D3	92728535	92728535	92783088
D5	92728549	92728549	92783089
D6	92728557	92728557	92783100
D7	92728567	92728567	92783101
D7a	93342179	93342179	93342183
D8	92728575	92783102	92783102
D8a	93342190	93342194	93342194
DA	92783208	92783184	92783121
DB	92783209	92783185	92783122
DC	92783210	92783186	92783123
DD	92783211	92783187	92783124
DE	92783212	92783188	92783125
E5	93342168	93342168	93342172
E6	92728559	92728559	92783104
E7	92728569	92728569	92783105
E8	92728577	92783106	92783106
EA	92728579	92728583	92728581
EB	92783203	92783180	92783107
F1	92728597	92728597	92783108
F2	92728599	92728599	92783109
F3	92728609	92728609	92783110
F4	92728607	92728607	92783112
F5	92728605	92728605	92783113
G	92728601	92728601	92783114
H	92728603	92728603	92783115
I1	92783204	92783116	92783116
I2	92783205	92783117	92783117
I3	92783206	92783181	92783118
I4	92783207	92783182	92783119
I5	92783183	92783183	92783120
J	92783213	92783189	92783126
K	92783214	92783190	92783127
N	93202067	93202067	-
P	93202073	93202073	-
Q1	93202075	93202075	-
Q2	93202268	93202268	-
R	93202270	93202270	-
S	93455007	93455007	93455011

Kit - Pump housing machined for wear ring

IMPORTANT! Pump housing kits are supplied without wear rings. Wear rings need to be ordered separately.

PN 10 (16) / Class 125(150)

EN-GJL-250 / ASTM A48 class 35



TM078535

NOTE! Plugs (pos. 20) in the pump housing are described in section [3.18 Pump housing plugs](#).

Kit - Pump housing machined for wear ring, cast iron - low pressure

6: Pump housing

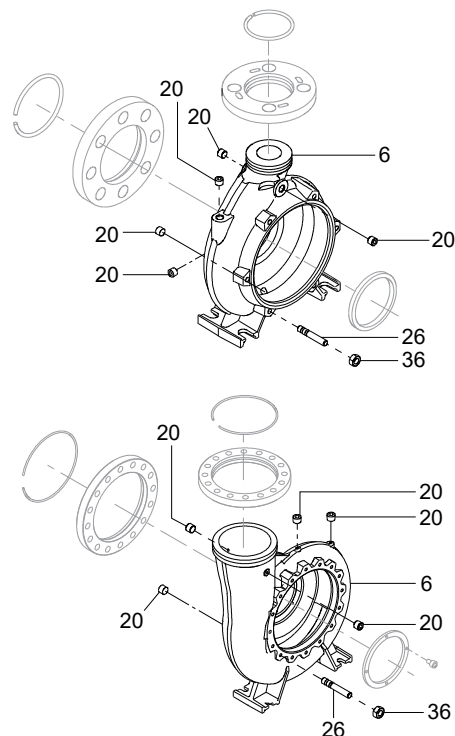
20: Needed number of plugs for draining, filling, sensor and shaft seal flushing

26: Needed number of stay bolts

36: Needed number of nuts that fit stay bolts

PN 25 / Class 300

EN-GJS-500-7 / ASTM 70-50-05



TM078536

NOTE! Plugs (pos. 20) in the pump housing are described in section [3.18 Pump housing plugs](#).

Kit - Pump housing machined for wear ring, ductile cast iron - high pressure

6: Pump housing

20: Needed number of plugs for draining, filling, sensor and shaft seal flushing

26: Needed number of stay bolts

36: Needed number of nuts that fit stay bolts

Step 1: Find the pump size and note the pump housing code.

Pump size	Pump housing code	Pump size	Pump housing code
32-130.1	F1	100-360	I5
32-130	F2	100-380	E6
32-165.1	G	125-180	A6
32-180	A1	125-225	B7
32-205.1	H	125-280	C7
40-130	F3	125-320	P
40-180	A2	125-350	D7
40-190	N	125-355	D7a
40-220	B2a	125-360	Q1
40-225	B2	125-380	E7
50-130	F4	150-225	B8
50-225	B3	150-280	C8
50-220	B3a	150-300	I1
50-280	C3	150-350.1	D8
50-350	D3	150-350	D8
65-130	F5	150-355	D8a
65-180	A3	150-360	Q2
65-210	S	150-380	E8
65-225	B4	150-390	R
65-280	C4	200-300	I2
80-180.1	A4	200-350	DA
80-180	A4	200-380	EB
80-225	B5	200-500	K
80-280	C5	250-315	DE
80-350	D5	250-360	DB
80-380	E5	250-380	EA
100-180	A5	300-300	I3
100-225.1	B6	300-310	I4
100-225	B6	300-350	DC
100-280	C6	300-400	J
100-350	D6	350-350	DD

Step 2: Use the pump housing code and the material code to find pump housing kit.

Type/Model

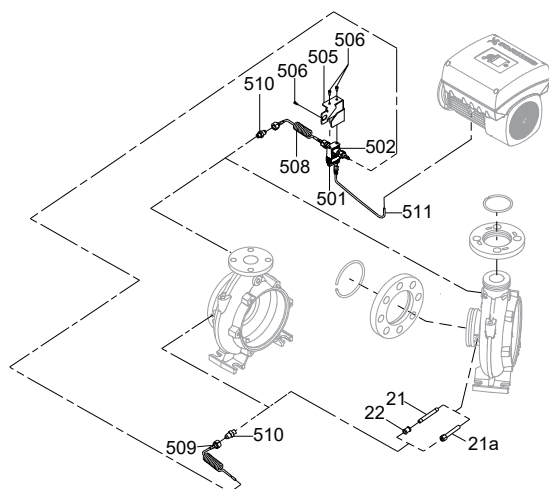
NK 65-280/280ASA2F2SKESBQQENW3

Material code

Pump housing code	Material code		
	S3, S4, S5, S8, S9, SK, SL, T2, T3	SB, SC, SD, SG, SH, SI, SJ, TA, TB	
	(Cast iron, EN-GJL-250)	(Ductile iron EN-GJS-500-7)	
	PN 10	PN 16	PN 25
A1	92728521	92728521	92783129
A2	92728523	92728523	92783130
A3	92728536	92728536	92783131
A4	92728542	92728542	92783132
A5	92728550	92728550	92783133
A6	92728560	92728560	92783134
B2	92728527	92728527	92783136
B2a	92728525	92728525	92783135
B3	92728529	92728529	92783137

Pump housing code	Material code		
	S3, S4, S5, S8, S9, SK, SL, T2, T3	SB, SC, SD, SG, SH, SI, SJ, TA, TB	
	(Cast iron, EN-GJL-250)	(Ductile iron EN-GJS-500-7)	
	PN 10	PN 16	PN 25
B3a	93202083	93202083	-
B4	92728538	92728538	92783138
B5	92728544	92728544	92783139
B6	92728552	92728552	92783140
B7	92728562	92728562	92783141
B8	92728570	92783142	92783142
C3	92728531	92728531	92783143
C4	92728540	92728540	92783144
C5	92728546	92728546	92783145
C6	92728554	92728554	92783146
C7	92728564	92728564	92783147
C8	92728572	92783149	92783149
D3	92728533	92728533	92783150
D5	92728548	92728548	92783151
D6	92728556	92728556	92783152
D7	92728566	92728566	92783153
D7a	93342180	93342180	93342184
D8	92728574	92783154	92783154
D8a	93342191	93342195	93342195
DA	92783220	92783196	92783173
DB	92783221	92783197	92783174
DC	92783222	92783198	92783175
DD	92783223	92783199	92783176
DE	92783224	92783200	92783177
E5	93342169	93342169	93342173
E6	92728558	92728558	92783155
E7	92728568	92728568	92783156
E8	92728576	92783157	92783157
EA	92728578	92728582	92728580
EB	92783215	92783192	92783158
F1	92728596	92728596	92783159
F2	92728598	92728598	92783160
F3	92728608	92728608	92783161
F4	92728606	92728606	92783162
F5	92728604	92728604	92783163
G	92728600	92728600	92783164
H	92728602	92728602	92783165
I1	92783216	92783166	92783166
I2	92783217	92783167	92783167
I3	92783218	92783193	92783169
I4	92783219	92783194	92783170
I5	92783195	92783195	92783171
J	92783225	92783201	92783178
K	92783226	92783202	92783179
N	93202081	93202081	-
P	93202087	93202087	-
Q1	93202089	93202089	-
Q2	93202272	93202091	-
R	93202274	93202093	-
S	93455008	93455008	93455012

Kit/spare - Sensor for NKE Series 2000



TM1040122

NOTE! For all NK, NKE - R2 pump housings, the bores pos. 1+2+3+4+ (6 or 7) are drilled and plugged.

For more information, see section [3.18 Pump housing plugs](#). Order the standard NK pump housing when a replacement is needed for NKE Series 2000.

Kit - Differential-pressure sensor

501: Sensor
502: Sensor housing
505: Sensor bracket
506: 3 × Screw
508 + 509: 2 × Capillary tube
510: 2 × Adapter plug
511: Cable (including connector to sensor)

Spare - Differential-pressure sensor

501: Sensor

Spare - Bracket for sensor

505: Sensor bracket

Kit - Capillary tube

508 + 509: 2 × Capillary tube
510: 2 × Adapter plug

Spare, cable

511: Cable (including connector to sensor)

Kit - Extension pipe to connect capillary tube to inlet – loose flange

21a: Connector pipe (PN 25)

Kit - Differential-pressure sensor

Cable length	0-4 bar	0-6 bar	0-10 bar
1.2 m	99562724	99562725	99562726
2.0 m	93091516	93091517	93091518

Spare - Differential-pressure sensor

0-4 bar	0-6 bar	0-10 bar
93103760	93103327	93103328

Spare - Bracket for sensor

[99562727](#)

Kit - Capillary tube

[99582282](#)

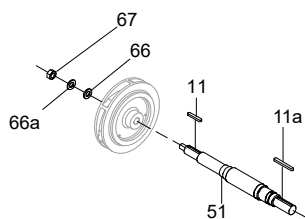
Spare - Cable

Cable length	Spare, Sensor cable
1.2 m	99562728
2.0 m	93091519

Kit - Extension pipe to connect capillary tube to inlet – loose flange

[92837597](#)

Kit - Shaft



TM1040104

Kit - Shaft

11 and 11a: Key, part of complete shaft

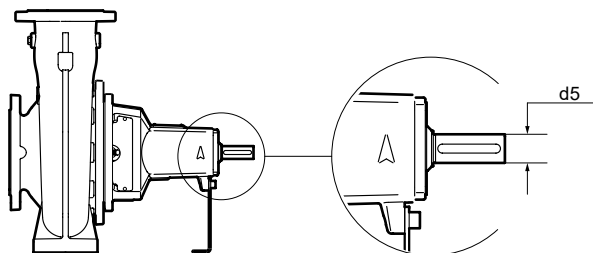
51: Shaft

66: Washer

66a: Lock washer

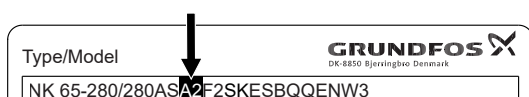
67: Nut for impeller

Step 1: Find the pump size, measure and note the diameter d5 of the pump end.



Pump size	d5	Pump size	d5	Pump size	d5
32-130.1-2P	D16	65-130-2P	D24	125-225	D32S
32-130.1-4P	D16	65-130-4P	D16	125-280	D32
32-130-2P	D16	65-180-2P	D24	125-320	D32
32-130-4P	D16	65-180-4P	D16	125-350	D42
32-165.1-2P	D24	65-210-2P	D24	125-355	D42
32-165.1-4P	D16	65-210-4P	D24	125-360	D42
32-180-2P	D16	65-225-2P	D32SS	125-380	D42
32-180-4P	D16	65-225-4P	D24	150-225	D32S
32-205.1-2P	D24	65-280	D32	150-280	D42
32-205.1-4P	D16	80-180.1-2P	D24	150-300	D42
40-130-2P	D24	80-180-2P	D24	150-350.1	D42
40-130-4P	D16	80-180-4P	D16	150-350	D42
40-180-2P	D24	80-225-2P	D32S	150-355	D48
40-180-4P	D16	80-225-4P	D24	150-360	D42
40-190-2P	D24	80-280	D32	150-380	D48
40-190-4P	D16	80-350	D32	150-390	D48
40-220-2P	D24	80-380	D42	200-300	D42
40-220-4P	D24	100-180-2P	D24	200-350	D42
40-225-2P	D24	100-180-4P	D24	200-380	D48
40-225-4P	D24	100-225.1-2P	D32S	200-500	D60
50-130-2P	D24	100-225.1-4P	D24	250-315	D48
50-130-4P	D16	100-225-2P	D32S	250-360	D48
50-220-2P	D32SS	100-225-4P	D24	250-380	D48
50-220-4P	D24	100-280	D32	300-300	D48
50-225-2P	D32SS	100-350	D32	300-310	D48
50-225-4P	D24	100-360	D42	300-350	D60
50-280-2P	D32SS	100-380	D42	300-400	D60
50-280-4P	D24	125-180-2P	D24	350-350	D60
50-350	D32	125-180-4P	D24		

Step 2: Use the pump version code, the d5 diameter, and the material code to find the needed kit.



Pump version code



Material code

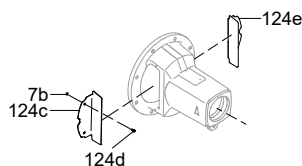
Kit - Shaft for pump versions - A1, A2, I1, I2 and Y1

d5	Material code			
	S3, SB	S4, S8, SC, SG	S5, S9, SD, SH, T2, TA	SI, SJ, SK, SL, T3, TB
	Shaft material			
	1.0503 + 1.4301 (sleeve)	1.4401	1.4462	1.4410
D16	92736899	92729006	92729007	92729008
D24	92737270	96039654	96861516	92736900
D32SS	92737512	92737479	92737510	92737511
D32S	92737516	92737513	92737514	92737515
D32	92737518	96039655	96861519	92737517
D42	92737522	92737519	92737520	92737521
D48	92737524	96861526	96861527	92737523
D60	92737526	96861528	96861529	92737525

Kit - Shaft for pump versions - G1, G2, H1, H2, J1, J2, K1, K2, W1, Z1

d5	Material code			
	S3, SB	S4, S8, SC, SG	S5, S9, SD, SH, T2, TA	SI, SJ, SK, SL, T3, TB
	Shaft material			
	1.0503 + 1.4301 (sleeve)	1.4401	1.4462	1.4410
D16	-	-	-	-
D24	92739367	92739364	92739365	92739366
D32SS	92739371	92739368	92739369	92739370
D32S	92739375	92739372	92739373	92739374
D32	92837582	92837569	92837580	92837581
D42	92739379	92739376	92739377	92739378
D48	92837586	92837583	92837584	92837585
D60	92837590	92837587	92837588	92837589

Kit - Shaft guard



TM1040106

Kit - Shaft guard

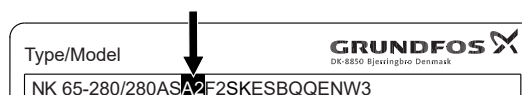
- 7b: 4 × Lock washer
 124c: Shaft guard (left side)
 124d: 4 × Screws for shaft guard
 124e: Shaft guard (right side)

Step 1: Find the pump size and note the shaft guard code.

Pump size	Shaft guard code	Pump size	Shaft guard code
32-130.1-2P	1	80-280	3
32-130.1-4P	1	80-350	3
32-130-2P	1	80-380	5
32-130-4P	1	100-180-2P	2
32-165.1-2P	2	100-180-4P	2
32-165.1-4P	1	100-225.1-2P	4
32-180-2P	1	100-225.1-4P	2
32-180-4P	1	100-225-2P	4
32-205.1-2P	2	100-225-4P	2
32-205.1-4P	1	100-280	3
40-130-2P	2	100-350	3
40-130-4P	1	100-360	5
40-180-2P	2	100-380	5
40-180-4P	1	125-180-2P	2
40-190-2P	2	125-180-4P	2
40-190-4P	1	125-225	4
40-220-2P	2	125-280	3
40-220-4P	2	125-320	3
40-225-2P	2	125-350	5
40-225-4P	2	125-355	5
50-130-2P	2	125-360	5
50-130-4P	1	125-380	5
50-220-2P	4	150-225	4
50-220-4P	2	150-280	5
50-225-2P	4	150-300	5
50-225-4P	2	150-350.1	5
50-280-2P	4	150-350	5
50-280-4P	2	150-355	6
50-350	3	150-360	5
65-130-2P	2	150-380	6
65-130-4P	1	150-390	6
65-180-2P	2	200-300	5
65-180-4P	1	200-350	5
65-210-2P	2	200-380	6
65-210-4P	2	200-500	6
65-225-2P	4	250-315	6
65-225-4P	2	250-360	6
65-280	3	250-380	6
80-180.1-2P	2	300-300	6

Pump size	Shaft guard code	Pump size	Shaft guard code
80-180-2P	2	300-310	6
80-180-4P	1	300-350	6
80-225-2P	4	300-400	6
80-225-4P	2	350-350	6

Step 2: Use the shaft guard code and the pump version code to find the needed kit.

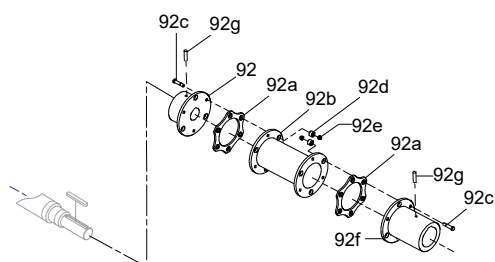


Pump version code

Shaft guard code	Kit - Shaft guard	
	A1, A2, I1, I2, Y1	G1, G2, H1, H2, J1, J2, K1, K2, W1, Z1
1	92728981	-
2	92728982	92728983
3	92728984	-
4	92728985	92728986
5	92728987	92728987
6	92728988	92728988

Kit/spare - Spacer coupling

Spacer coupling, cpl.



TM082720

Kit - Spacer coupling, cpl.

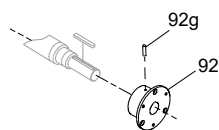
Spacer coupling cpl. ⁸⁾

⁸⁾ This is an 'assembly' which consists of more than one component.

Content of assembly:

- Pump hub + set screw
- Flexible discs
- Spacer
- Set of coupling bolts
- Set of coupling sleeves
- Set of coupling nuts
- Motor hub + set screw

Pump hub, spacer coupling



TM082694

Kit - Pump hub, spacer coupling

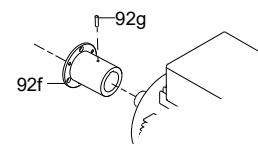
Pump hub cpl. ⁸⁾

⁸⁾ This is an 'assembly' which consists of more than one component.

Content of assembly:

- Pump hub
- Set screw

Motor hub, spacer coupling



TM082695

Kit - Motor hub, spacer coupling

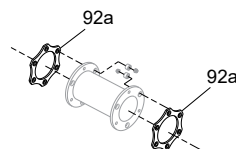
Motor hub cpl. ⁸⁾

⁸⁾ This is an 'assembly' which consists of more than one component.

Content of assembly:

- Motor hub
- Set screw

Flexible disc, spacer coupling

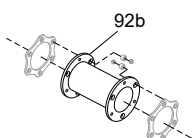


TM082683

Kit - Flexible disc, spacer coupling

92a: 2 × Flexible disc

Spacer, spacer coupling

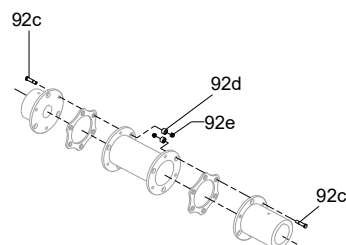


TM082684

Spare - Spacer, spacer coupling

92b: Spacer

Bolt + sleeve + nut, spacer coupling



TM082685

Kit - Bolt + sleeve + nut, spacer coupling

Bolt set cpl., spacer coupling ⁸⁾

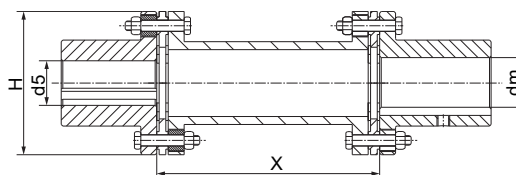
⁸⁾ This is an 'assembly' which consists of more than one component.

Content of assembly:

- Set of coupling bolts
- Set of coupling sleeves
- Set of coupling nuts

Step 1: Measure 4 dimensions and make a note of these:

- 'H'
- diameter of the pump shaft (d5)
- diameter of the motor shaft (dm)
- spacer length "X"

**Step 2: Match the measurements with table below and find the necessary spare / kit.**

Coupling cpl. spa.	H [mm]	d5 [mm]	dm [mm]	X [mm]	Kit - Spacer Coupling cpl.	Kit - Pump hub, spacer coupling	Kit - Motor hub, spacer coupling	Kit - Flexible disc, spacer coupling	Spare - Spacer, spacer coupling	Kit - Bolt + sleeve + nut, spacer coupling
H90TDE D16/D14,S100	90	16	14	100	92818804	92818741	92818772	92818789	92818916	92818798
H90TDE D16/D19,S100	90	16	19	100	92818805	92818741	92818773	92818789	92818916	92818798
H90TDE D16/D19,S140	90	16	19	140	92818806	92818741	92818773	92818789	92818920	92818798
H90TDE D16/D24,S100	90	16	24	100	92818807	92818741	92818774	92818789	92818916	92818798
H90TDE D16/D24,S140	90	16	24	140	92818808	92818741	92818774	92818789	92818920	92818798
H90TDE D16/D28,S100	90	16	28	100	92818809	92818741	92818775	92818789	92818916	92818798
H90TDE D16/D28,S140	90	16	28	140	92818810	92818741	92818775	92818789	92818920	92818798
H90TDE D16/D38,S100	90	16	38	100	92818811	92818741	92818776	92818789	92818916	92818798
H90TDE D24-40/D19S100	90	24	19	100	92818812	92818743	92818773	92818789	92818916	92818798
H90TDE D24-40/D19S140	90	24	19	140	92818813	92818743	92818773	92818789	92818920	92818798
H90TDE D24-40/D24S100	90	24	24	100	92818814	92818743	92818774	92818789	92818916	92818798
H90TDE D24-40/D24S140	90	24	24	140	92818815	92818743	92818774	92818789	92818920	92818798
H90TDE D24-40/D28S100	90	24	28	100	92818816	92818743	92818775	92818789	92818916	92818798
H90TDE D24-40/D28S140	90	24	28	140	92818817	92818743	92818775	92818789	92818920	92818798
H90TDE D24-40/D38S100	90	24	38	100	92818818	92818743	92818776	92818789	92818916	92818798
H90TDE D24-40/D38S140	90	24	38	140	92818819	92818743	92818776	92818789	92818920	92818798
H90TDE D32/D24,S140	90	32	24	140	92818820	92818749	92818774	92818789	92818920	92818798
H90TDE D32/D28,S140	90	32	28	140	92818821	92818749	92818775	92818789	92818920	92818798
H90TDE D32/D28,S180	90	32	28	180	92818822	92818749	92818775	92818789	92818926	92818798
H90TDE D32/D38,S100	90	32	38	100	92818823	92818749	92818776	92818789	92818916	92818798
H90TDE D32/D38,S140	90	32	38	140	92818824	92818749	92818776	92818789	92818920	92818798
H90TDE D32/D38,S180	90	32	38	180	92818825	92818749	92818776	92818789	92818926	92818798
H100TDE D16/D42,S100	100	16	42	100	92818826	92818742	92818778	92818790	92818917	92937111
H100TDE D24-40/D38S100	100	24	38	100	92818827	92818744	92818777	92818790	92818917	92937111
H100TDE D24-40/D38S140	100	24	38	140	92818828	92818744	92818777	92818790	92818921	92937111
H100TDE D24-40/D42S100	100	24	42	100	92818829	92818744	92818778	92818790	92818917	92937111
H100TDE D24-40/D42S140	100	24	42	140	92818830	92818744	92818778	92818790	92818921	92937111
H100TDE D24-60/D42S100	100	24	42	100	92818831	92818745	92818778	92818790	92818917	92937111
H100TDE D24-60/D42S140	100	24	42	140	92818832	92818745	92818778	92818790	92818921	92937111
H100TDE D32/D38,S140	100	32	38	140	92818833	92818750	92818777	92818790	92818921	92937111
H100TDE D32/D38,S180	100	32	38	180	92818834	92818750	92818777	92818790	92818927	92937111
H100TDE D32/D42,S100	100	32	42	100	92818835	92818750	92818778	92818790	92818917	92937111
H100TDE D32/D42,S140	100	32	42	140	92818836	92818750	92818778	92818790	92818921	92937111
H100TDE D32/D42,S180	100	32	42	180	92818837	92818750	92818778	92818790	92818927	92937111
H100TDE D42/D38,S180	100	42	38	180	92818838	92818754	92818777	92818790	92818927	92937111
H100TDE D42/D42,S180	100	42	42	180	92818839	92818754	92818778	92818790	92818927	92937111
H120TDE D24-60/D42S140	120	24	42	140	92818840	92818746	92818779	92818791	92818923	92818799
H120TDE D32/D42,S140	120	32	42	140	92818841	92818751	92818779	92818791	92818923	92818799
H120TDE D32/D42,S180	120	32	42	180	92818842	92818751	92818779	92818791	92818928	92818799
H120TDE D42/D42,S180	120	42	42	180	92818843	92818755	92818779	92818791	92818928	92818799
H120TDE D42/D42,S200	120	42	42	200	92818844	92818755	92818779	92818791	92818935	92818799
H120TDE D48/D42,S250	120	48	42	250	92818845	92818760	92818779	92818791	92818942	92818799
H130TDE D24-60/D48S100	130	24	48	100	92818846	92818747	92818780	92818792	92818918	92937112

Coupling cpl. spa.	H [mm]	d5 [mm]	dm [mm]	X [mm]	Kit - Spacer Coupling cpl.	Kit - Pump hub, spacer coupling	Kit - Motor hub, spacer coupling	Kit - Flexible disc, spacer coupling	Spare - Spacer, spacer coupling	Kit - Bolt + sleeve + nut, spacer coupling
H130TDE D24-60/D48S140	130	24	48	140	92818847	92818747	92818780	92818792	92818924	92937112
H130TDE D24-60/D55S100	130	24	55	100	92818848	92818747	92818781	92818792	92818918	92937112
H130TDE D24-60/D55S140	130	24	55	140	92818849	92818747	92818781	92818792	92818924	92937112
H130TDE D32/D48,S100	130	32	48	100	92818850	92818752	92818780	92818792	92818918	92937112
H130TDE D32/D48,S140	130	32	48	140	92818851	92818752	92818780	92818792	92818924	92937112
H130TDE D32/D48,S180	130	32	48	180	92818852	92818752	92818780	92818792	92818929	92937112
H130TDE D32/D55,S100	130	32	55	100	92818853	92818752	92818781	92818792	92818918	92937112
H130TDE D32/D55,S140	130	32	55	140	92818854	92818752	92818781	92818792	92818924	92937112
H130TDE D32/D55,S180	130	32	55	180	92818855	92818752	92818781	92818792	92818929	92937112
H130TDE D42/D48,S180	130	42	48	180	92818856	92818756	92818780	92818792	92818929	92937112
H130TDE D42/D48,S200	130	42	48	200	92818857	92818756	92818780	92818792	92818936	92937112
H130TDE D42/D55,S180	130	42	55	180	92818858	92818756	92818781	92818792	92818929	92937112
H130TDE D42/D55,S200	130	42	55	200	92818859	92818756	92818781	92818792	92818936	92937112
H130TDE D48/D48,S180	130	48	48	180	92818860	92818761	92818780	92818792	92818929	92937112
H130TDE D48/D48,S200	130	48	48	200	92818861	92818761	92818780	92818792	92818936	92937112
H130TDE D48/D48,S250	130	48	48	250	92818862	92818761	92818780	92818792	92818943	92937112
H130TDE D48/D48,S300	130	48	48	300	92818863	92818761	92818780	92818792	92818950	92937112
H130TDE D48/D55,S180	130	48	55	180	92818864	92818761	92818781	92818792	92818929	92937112
H130TDE D48/D55,S200	130	48	55	200	92818865	92818761	92818781	92818792	92818936	92937112
H130TDE D48/D55,S250	130	48	55	250	92818866	92818761	92818781	92818792	92818943	92937112
H130TDE D48/D55,S300	130	48	55	300	92818867	92818761	92818781	92818792	92818950	92937112
H146TDE D24-75/D60S140	146	24	60	140	92818868	92818748	92818782	92818793	92818925	92818800
H146TDE D32/D60,S100	146	32	60	100	92818869	92818753	92818782	92818793	92818919	92818800
H146TDE D32/D60,S140	146	32	60	140	92818870	92818753	92818782	92818793	92818925	92818800
H146TDE D32/D65,S100	146	32	65	100	92818871	92818753	92818783	92818793	92818919	92818800
H146TDE D32/D65,S140	146	32	65	140	92818872	92818753	92818783	92818793	92818925	92818800
H146TDE D42/D60,S180	146	42	60	180	92818873	92818757	92818782	92818793	92818931	92818800
H146TDE D42/D60,S200	146	42	60	200	92818874	92818757	92818782	92818793	92818937	92818800
H146TDE D42/D65,S180	146	42	65	180	92818875	92818757	92818783	92818793	92818931	92818800
H146TDE D42/D65,S200	146	42	65	200	92818876	92818757	92818783	92818793	92818937	92818800
H146TDE D48/D60,S180	146	48	60	180	92818877	92818762	92818782	92818793	92818931	92818800
H146TDE D48/D60,S200	146	48	60	200	92818878	92818762	92818782	92818793	92818937	92818800
H146TDE D48/D60,S250	146	48	60	250	92818879	92818762	92818782	92818793	92818944	92818800
H146TDE D48/D60,S300	146	48	60	300	92818880	92818762	92818782	92818793	92818951	92818800
H146TDE D48/D65,S180	146	48	65	180	92818881	92818762	92818783	92818793	92818931	92818800
H146TDE D48/D65,S200	146	48	65	200	92818882	92818762	92818783	92818793	92818937	92818800
H146TDE D48/D65,S250	146	48	65	250	92818883	92818762	92818783	92818793	92818944	92818800
H146TDE D48/D65,S300	146	48	65	300	92818884	92818762	92818783	92818793	92818951	92818800
H146TDE D60/D60,S250	146	60	60	250	92818885	92818767	92818782	92818793	92818944	92818800
H146TDE D60/D60,S300	146	60	60	300	92818886	92818767	92818782	92818793	92818951	92818800
H146TDE D60/D65,S250	146	60	65	250	92818887	92818767	92818783	92818793	92818944	92818800
H146TDE D60/D65,S300	146	60	65	300	92818888	92818767	92818783	92818793	92818951	92818800
H176TDE D42/D75,S180	176	42	75	180	92818889	92818758	92818784	92818794	92818932	92818801
H176TDE D42/D75,S200	176	42	75	200	92818890	92818758	92818784	92818794	92818938	92818801
H176TDE D48/D75,S180	176	48	75	180	92818891	92818763	92818784	92818794	92818932	92818801
H176TDE D48/D75,S200	176	48	75	200	92818892	92818763	92818784	92818794	92818938	92818801
H176TDE D48/D75,S250	176	48	75	250	92818893	92818763	92818784	92818794	92818945	92818801
H176TDE D48/D75,S300	176	48	75	300	92818894	92818763	92818784	92818794	92818952	92818801
H176TDE D60/D75,S250	176	60	75	250	92818895	92818768	92818784	92818794	92818945	92818801
H176TDE D60/D75,S300	176	60	75	300	92818896	92818768	92818784	92818794	92818952	92818801
H196TDE D42/D80,S180	196	42	80	180	92818897	92818759	92818785	92818795	92818933	92818802
H196TDE D48/D80,S180	196	48	80	180	92818898	92818764	92818785	92818795	92818933	92818802
H196TDE D48/D80,S200	196	48	80	200	92818899	92818764	92818785	92818795	92818940	92818802

Coupling cpl. spa.	H [mm]	d5 [mm]	dm [mm]	X [mm]	Kit - Spacer Coupling cpl.	Kit - Pump hub, spacer coupling	Kit - Motor hub, spacer coupling	Kit - Flexible disc, spacer coupling	Spare - Spacer, spacer coupling	Kit - Bolt + sleeve + nut, spacer coupling
H196TDE D48/D80,S250	196	48	80	250	92818900	92818764	92818785	92818795	92818947	92818802
H196TDE D48/D80,S300	196	48	80	300	92818901	92818764	92818785	92818795	92818953	92818802
H196TD D48/D80,S180	196	48	80	180	92818902	92818765	92818786	92818796	92818934	92818803
H196TD D48/D80,S200	196	48	80	200	92818903	92818765	92818786	92818796	92818941	92818803
H196TD D48/D80,S250	196	48	80	250	92818904	92818765	92818786	92818796	92818948	92818803
H196TD D48/D80,S300	196	48	80	300	92818905	92818765	92818786	92818796	92818955	92818803
H196TDE D60/D80,S250	196	60	80	250	92818906	92818769	92818785	92818795	92818947	92818802
H196TDE D60/D80,S300	196	60	80	300	92818908	92818769	92818785	92818795	92818953	92818802
H196TD D60/D80,S250	196	60	80	250	92818909	92818770	92818786	92818796	92818948	92818803
H196TD D60/D80,S300	196	60	80	300	92818910	92818770	92818786	92818796	92818955	92818803
H226TD D60/D95,S250	226	60	95	250	92818911	92818771	92818787	92818797	92818949	92937113
H226TD D60/D95,S300	226	60	95	300	92818912	92818771	92818787	92818797	92818956	92937113
H226TD D60/D100,S250	226	60	100	250	92818913	92818771	92818788	92818797	92818949	92937113
H226TD D60/D100,S300	226	60	100	300	92818915	92818771	92818788	92818797	92818956	92937113

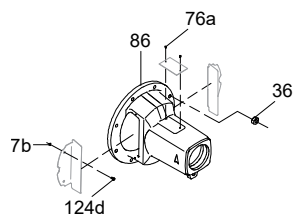
Kit - Standard bearing bracket

Standard bearing bracket codes: A1, A2, I1, I2, Y1



Pump version code

Bearing bracket, standard bearing bracket

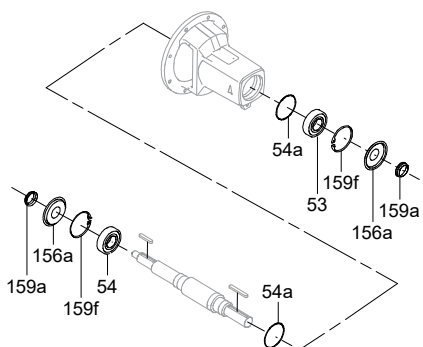


TM1040111

Kit - Bearing bracket, standard bearing bracket

- 7b: 4 × Lock washer
 36: Needed number of nuts
 76a: 2 × Rivet
 86: 1 × Bearing bracket, machined
 124d: 4 × Screw for shaft guard

Bearings, standard bearing bracket



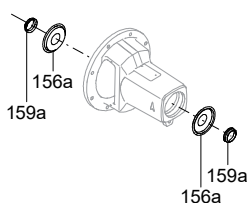
TM1040108

NOTE! Bearings are closed and 'greased for life'.

Kit - Bearings, standard bearing bracket

- 53 and 54: 2 × Bearing
 54a: 2 × O-ring
 156a: 2 × Bearing cover
 159a: 2 × V-ring
 159f: 2 × Retaining ring

V-ring, standard bearing bracket

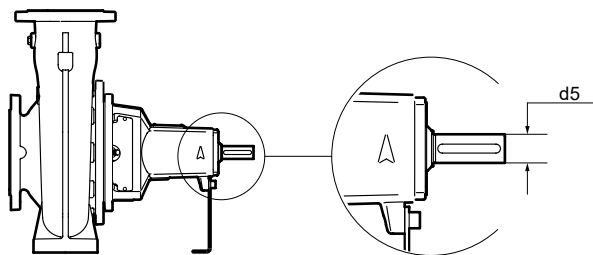


TM1040118

Kit - V-ring, standard bearing bracket

- 156a: 2 × Cover
 159a: 2 × V-ring

Step 1: Find the pump size and measure the diameter d5 of the pump end.



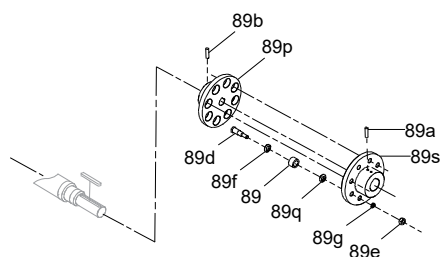
Pump size	d5	Pump size	d5	Pump size	d5
32-130.1-2P	D16A	65-130-2P	D24	125-225	D32S(S)
32-130.1-4P	D16A	65-130-4P	D16	125-280	D32
32-130-2P	D16A	65-180-2P	D24	125-320	D32
32-130-4P	D16A	65-180-4P	D16	125-350	D42
32-165.1-2P	D24	65-210-2P	D24	125-355	D42
32-165.1-4P	D16	65-210-4P	D24	125-360	D42
32-180-2P	D16	65-225-2P	D32S(S)	125-380	D42
32-180-4P	D16	65-225-4P	D24	150-225	D32S(S)
32-205.1-2P	D24	65-280	D32	150-280	D42
32-205.1-4P	D16	80-180.1-2P	D24	150-300	D42
40-130-2P	D24	80-180-2P	D24	150-350.1	D42
40-130-4P	D16	80-180-4P	D16	150-350	D42
40-180-2P	D24	80-225-2P	D32S(S)	150-355	D48
40-180-4P	D16	80-225-4P	D24	150-360	D42
40-190-2P	D24	80-280	D32	150-380	D48
40-190-4P	D16	80-350	D32	150-390	D48
40-220-2P	D24	80-380	D42	200-300	D42
40-220-4P	D24	100-180-2P	D24	200-350	D42
40-225-2P	D24	100-180-4P	D24	200-380	D48
40-225-4P	D24	100-225.1-2P	D32S	200-500	D60
50-130-2P	D24	100-225.1-4P	D24	250-315	D48
50-130-4P	D16	100-225-2P	D32S(S)	250-360	D48
50-220-2P	D32S(S)	100-225-4P	D24	250-380	D48
50-220-4P	D24	100-280	D32	300-300	D48
50-225-2P	D32S(S)	100-350	D32	300-310	D48
50-225-4P	D24	100-360	D42	300-350	D60
50-280-2P	D32S(S)	100-380	D42	300-400	D60
50-280-4P	D24	125-180-2P	D24	350-350	D60
50-350	D32	125-180-4P	D24		

Step 2: Use the d5 dimension to find the needed kit.

d5	Kit - Bearing bracket	Kit - Bearing	Kit - V-ring
D16	92729025	92729003	92728989
D16A	92606742	92729003	92728989
D24	92729026	96579598	92728990
D32S(S)	92729027	96579599	92728991
D32	92729028	96579599	92728991
D42	92729029	95919874	92728992
D48	92729030	95919876	92728993
D60	92729031	95919878	92728994

Kit/spare/bulk - Standard coupling

Standard coupling



TM1040120

Kit - Standard coupling

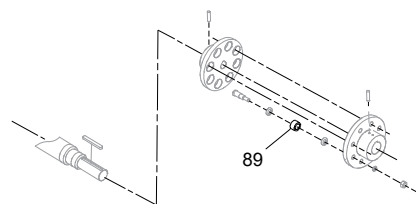
89a and 89b: Hex screw

89p: Coupling female part, pump end

89s: Coupling male part, motor end

89 + 89d + 89f + 89q + 89g + 89e: 1 Set of bolts/rubber parts

Rubber, standard coupling



TM1040127

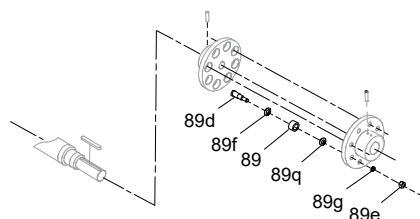
Spare - Rubber, standard coupling

89: Set of rubber parts

Bulk - Rubber, standard coupling

89: 5 Set of rubber parts

Bolts, standard coupling



TM1040128

Kit - Bolts, standard coupling

89: Set of rubber parts

89d: Set of bolts

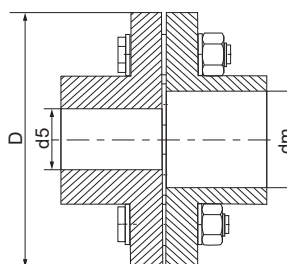
89e: Set of nuts

89f and 89q: Set of washers

89g: Set of lock washers

Step 1: Measure 3 dimensions and make a note of these:

- 'D'
- diameter of the pump shaft (d5)
- diameter of the motor shaft (dm)



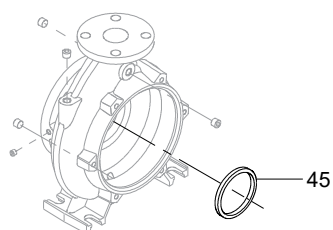
Step 2: Match the measurements with table below and find the necessary spare/kit.

Coupling cpl.	D [mm]	d5 [mm]	dm [mm]	Kit - Coupling complete	Kit - Bolts	Spare - Rubber	Bulk - Rubber (5 sets)
D112 D16/D14	112	16	14	92728610	92737890	92738876	92744229
D112 D16/D19	112	16	19	92728611	92737890	92738876	92744229
D112 D24/D14	112	24	14	92728617	92737890	92738876	92744229
D112 D24/D19	112	24	19	92728618	92737890	92738876	92744229
D125 D16/D24	125	16	24	92728612	92737890	92738876	92744229
D125 D16/D28	125	16	28	92728613	92737890	92738876	92744229
D125 D24/D24	125	24	24	92728619	92737890	92738876	92744229
D125 D24/D28	125	24	28	92728620	92737890	92738876	92744229
D125 D32/D24	125	32	24	92728628	92737890	92738876	92744229
D125 D32/D28	125	32	28	92728629	92737890	92738876	92744229
D140 D16/D28	140	16	28	92728614	92737891	92738877	92744229
D140 D16/D38	140	16	38	92728615	92737891	92738877	92744229

Coupling cpl.	D [mm]	d5 [mm]	dm [mm]	Kit - Coupling complete	Kit - Bolts	Spare - Rubber	Bulk - Rubber (5 sets)
D140 D16/D42	140	16	42	92728616	92737891	92738877	92744229
D140 D24/D28	140	24	28	92728621	92737891	92738877	92744229
D140 D24/D38	140	24	38	92728622	92737891	92738877	92744229
D140 D24/D42	140	24	42	92728623	92737891	92738877	92744229
D140 D32/D28	140	32	28	92728630	92737891	92738877	92744229
D140 D32/D38	140	32	38	92728631	92737891	92738877	92744229
D140 D32/D42	140	32	42	92728632	92737891	92738877	92744229
D140 D42/D28	140	42	28	92728641	92737891	92738877	92744229
D140 D42/D38	140	42	38	92728642	92737891	92738877	92744229
D140 D42/D42	140	42	42	92728643	92737891	92738877	92744229
D160 D24/D48	160	24	48	92728624	92737892	92738878	92744229
D160 D32/D48	160	32	48	92728633	92737892	92738878	92744229
D160 D42/D48	160	42	48	92728644	92737892	92738878	92744229
D160 D48/D42	160	48	42	92728653	92737892	92738878	92744229
D160 D48/D48	160	48	48	92728654	92737892	92738878	92744229
D180 D24/D55	180	24	55	92728625	92737892	92738878	92744229
D180 D32/D55	180	32	55	92728634	92737892	92738878	92744229
D180 D42/D55	180	42	55	92728645	92737892	92738878	92744229
D180 D48/D55	180	48	55	92728656	92737892	92738878	92744229
D180 D60/D55	180	60	55	92728666	92737892	92738878	92744229
D200 D24/D60	200	24	60	92728626	92737893	92738879	92744250
D200 D24/D65	200	24	65	92728627	92737893	92738879	92744250
D200 D32/D60	200	32	60	92728635	92737893	92738879	92744250
D200 D32/D65	200	32	65	92728638	92737893	92738879	92744250
D200 D42/D60	200	42	60	92728646	92737893	92738879	92744250
D200 D42/D65	200	42	65	92728648	92737893	92738879	92744250
D200 D48/D60	200	48	60	92728657	92737893	92738879	92744250
D200 D48/D65	200	48	65	92728658	92737893	92738879	92744250
D200 D60/D60	200	60	60	92728667	92737893	92738879	92744250
D200 D60/D65	200	60	65	92728668	92737893	92738879	92744250
D224 D32/D60	224	32	60	92728636	92737893	92738879	92744250
D224 D32/D65	224	32	65	92728637	92737893	92738879	92744250
D224 D42/D65	224	42	65	92728647	92737893	92738879	92744250
D224 D48/D65	224	48	65	92728659	92737893	92738879	92744250
D224 D60/D65	224	60	65	92728669	92737893	92738879	92744250
D250 D32/D75	250	32	75	92728640	92737894	92738890	92744251
D250 D42/D75	250	42	75	92728649	92737894	92738890	92744251
D250 D42/D80	250	42	80	92728650	92737894	92738890	92744251
D250 D48/D75	250	48	75	92728661	92737894	92738890	92744251
D250 D48/D80	250	48	80	92728662	92737894	92738890	92744251
D250 D48/D95	250	48	95	93197002	92737894	92738890	92744251
D250 D60/D75	250	60	75	92728670	92737894	92738890	92744251
D250 D60/D80	250	60	80	92728671	92737894	92738890	92744251
D280 D60/D95	280	60	95	92774667	92731374	92731375	92731376
D280 D60/D100	280	60	100	92774668	92731374	92731375	92731376

Kit/spare - Wear ring

Press fitted wear ring

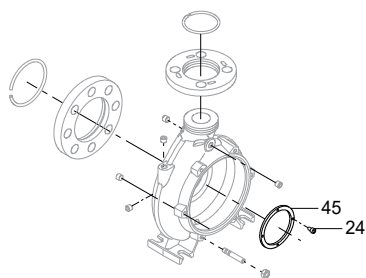
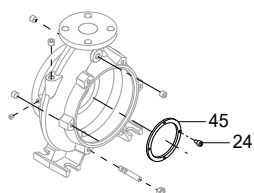


TM076537

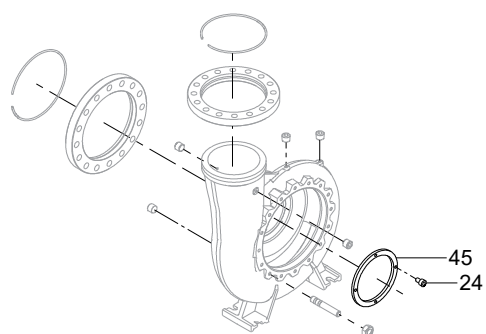
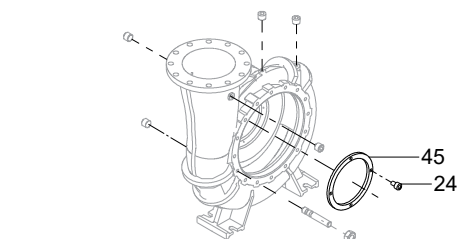
Spare - Wear ring, press fitted

45: Wear ring

Screw fitted wear ring



TM1040201



TM1040202

Kit - Wear ring, screw fitted

24: 4 × Socket head cap screw

45: Wear ring

Step 1: Find the pump size and note the ID code of the wear ring.

Pump size	ID code	Pump size	ID code
32-130.1	76	100-360	174
32-130	76	100-380	174
32-165.1	63	125-180	144
32-180	63	125-225	174
32-205.1	63	125-280	154
40-130	90	125-320	154
40-180	90	125-350	154
40-190	90	125-355	174
40-220	76	125-360	174
40-225	76	125-380	185
50-130	100	150-225	185
50-220	95	150-280	185
50-225	112	150-300	185
50-280	95	150-350.1	200
50-350	95	150-350	200
65-130	112	150-355	200
65-180	90	150-360	200
65-210	112	150-380	210
65-225	100	150-390	200
65-280	100	200-300	210
80-180.1	112	200-350	224
80-180	112	200-380	222
80-225	112	200-500	260
80-280	112	250-315	230
80-350	122 -1	250-360	240
80-380	154	250-380	240
100-180	122-2	300-300	270
100-225.1	130-1	300-310	324.6
100-225	130-1	300-350	270
100-280	130-2	300-400	270
100-350	144	350-350	324.6

Step 2: Use the ID code and the material code to find the needed spare/kit. Make a control check by measuring the old wear ring dimensions.

Type/Model

NK 65-280/280ASA2F2XESBQQENW3





Material code

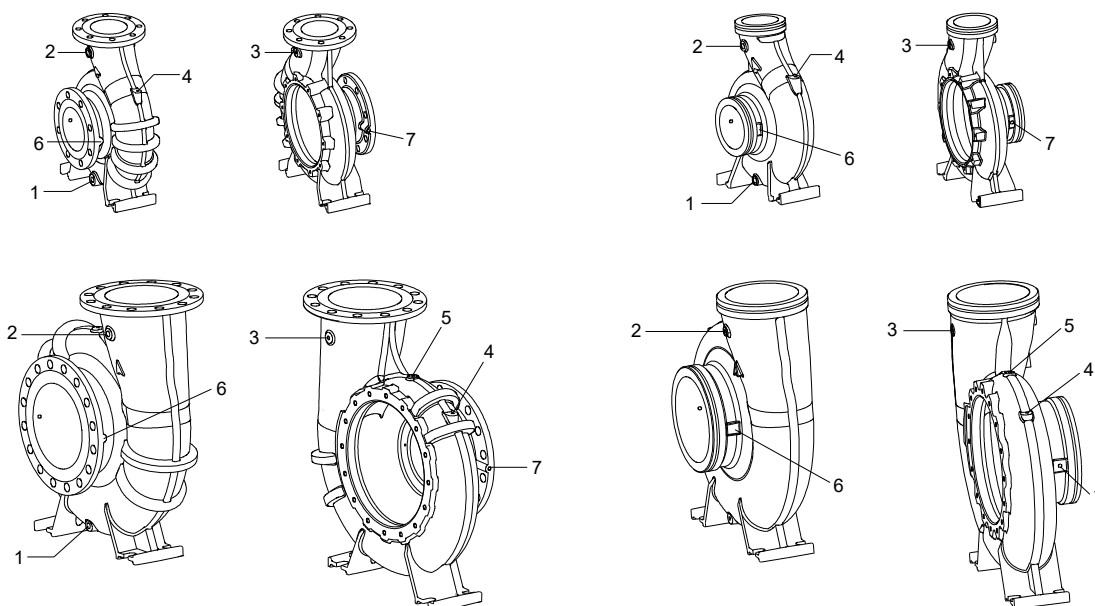
ID	Wear ring dimensions	Material code					
		X ⁹⁾		X ⁹⁾		X ⁹⁾	
		Wear ring material					
		Bronze		Cast iron		Brass	
		Spare	Kit	Spare	Kit	Spare	Kit
63	D63/D77x10	96810098	-	96810122	-	99208775	-
76	D76/D90x10	96810099	-	96810123	-	99208825	-
90	D90/D104x10	96810100	-	96810126	-	99208821	-
95	D95/D109x10	92526542	-	92526543	-	92526541	-
100	D100/D114x10	96810102	-	96810140	-	99208819	-
112	D112/D126x10	96810103	-	96810141	-	99208818	-
122-1	D122/D136x10	96810104	-	96939585		99208817	
122-2	D122/D138x13	96810105	-	96939586		99208813	
130-1	D130/D144x10	96810106	-	96939587	-	99208815	-
130-2	D130/D146x13	96797626	-	96939588	-	99208810	-
144	D144/D158x15	96810107	-	96939589	-	99208748	-
154	D154/D168x15	96797628	-	96939590	-	99208807	-
174	D174/D188x15	96810108	-	96939591	-	99208745	-
185	D185/D199x15	96810109	-	96939602	-	99208792	-
200	D200/D214x15	96810110	-	96939603	-	99208786	-
210	D210/D224x15	96810111	-	96939604	-	99208749	-
222	D222/D272x15	-	-	-	96939606	-	96939611
224	D224/D238x15	96810112	-	96939605	-	99208743	-
230	D230/D280x15	-	92837564	-	96939607	-	96939612
240	D240/D290x15	-	92526540	-	96939608	-	96939613
260	D260/D310x15	-	92837565	-	96939610	-	96939615
270	D270/D320x15	-	92837566	-	-	-	92837567
324.6	D324.6/D358X15	-	-	-	92837568	-	99489223

⁹⁾ The material code 'X' is shown in the type designation and indicates that the wear ring is a variant. Contact Grundfos service office to check for installed wear ring material.

Pump housing plugs

NOTE! This is only for your information. We do not offer plugs as service parts.

NOTE! For all NK, NKE - R2 pump housings, the bores pos. 1+2+3+4+ (6 or 7) are drilled and plugged.



TM1040331

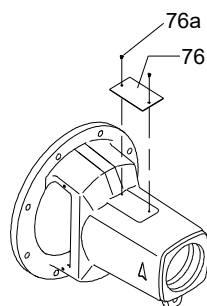
Pump housing plugs

- 1: Bore for draining plug
- 2: Bore for filling plug
- 3: Bore for connecting Series 2000 capillary tube
- 4: Bore for flushing line
- 5: Bore for venting of pump housing
- 6: Bore for connecting Series 2000 capillary tube - or for mounting of an inlet pressure gauge
- 7: Bore for connecting Series 2000 capillary tube - or for mounting of an inlet pressure gauge

IMPORTANT! Bore 2 and bore 3 **CANNOT** be used for mounting of a discharge pressure gauge. The reading in this position of the pump housing will give an incorrect and useless pressure reading compared to what is shown in Sales tools (Grundfos Product Center and data booklets).

EN/ISO versions		Plug position on drawing - (all plugs are with Rp connections)																						
		1 + 2															3	4	5	6	7			
		Impeller diameter																						
		125	160	180	200	220	225	250	280	300	305	315	350	400	450	500								
DN - outlet	32	3/8	3/8	3/8	3/8	3/8	3/8	3/8								1/4	1/8	Follows size of 1+2		1/4	1/4			
	40	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8					1/4	1/8	Follows size of 1+2		1/4	1/4			
	50	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2				1/4	1/8	Follows size of 1+2		1/4	1/4		
	65	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2					1/4	1/8	Follows size of 1+2		1/4	1/4			
	80	3/8		3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4		
	100	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4		
	125	1/2			1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4	
	150	1/2			1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4
	200	1/2								1/2	1/2	1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4	
	250	1/2										1/2	1/2	1/2	1/2			1/4	1/8	Follows size of 1+2		1/4	1/4	
	300	1/2									1/2	1/2	1/2	1/2				1/4	1/8	Follows size of 1+2		1/4	1/4	
	350	1/2															1/4	1/8	Follows size of 1+2		1/4	1/4		

Pump nameplate



TM083031

Nameplate

76: Nameplate (72 × 50 mm)

76a: 2 × Rivet

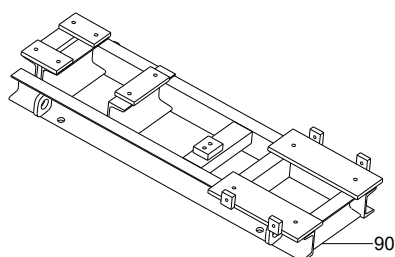
When you require to replace a nameplate, take a picture of the existing one and send this to Grundfos.

Based on this, it is normally possible to print a new copy.

If the pump holds certain approvals, it may be a mandatory requirement to ship the complete unit back to Grundfos to check the pump, and to print and install a new nameplate in Grundfos facilities. This is to maintain the approval. Therefore, information of the installed pump is needed.

Spare - Base frame, spacer coupling

Spacer coupling



TM084774

Spare - Base frame, standard coupling

90: Base frame, spacer coupling

Step 1: Find the motor frame size on the motor nameplate.



TM090981

Step 2: Use the pump size and the motor frame size to find the base frame code.

For fixed pump

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
32-130.1-2P		112Aa02	112Aa03	112Aa04	112Aa05	112Aa06		112Aa08				
32-130.1-4P	112Aa01	112Aa02										
32-130-2P		112Aa02	112Aa03	112Aa04	112Aa05	112Aa06		112Aa08				
32-130-4P	112Aa01	112Aa02										
32-165.1-2P			132Cb03	132Cb04-1	132Cb05-1	132Cb06-1		132Cb08-1				
32-165.1-4P	132Ca01-1	132Ca02-1										
32-180-2P			132Ca03	132Ca04	132Ca05	132Ca06		132Ca08		132Ca10		
32-180-4P	132Ca01	132Ca02	132Ca03									
32-205.1-2P					160Cb05	160Cb06		160Cb08		160Cb10		
32-205.1-4P	160Ca01	160Ca02	160Ca03	160Ca04								
40-130-2P			112Bb03	112Bb04	112Bb05	112Bb06		112Bb08				
40-130-4P	112Ba01	112Ba02	112Ba03									
40-180-2P				132Cb04	132Cb05	132Cb06		132Cb08		132Cb10		
40-180-4P	132Ca01	132Ca02	132Ca03	132Ca04	132Ca05							
40-190-2P								160Cb08		160Cb10	160Cb11	160Cb12
40-190-4P		160Ca02	160Ca03	160Ca04	160Ca05		160Ca07					
40-220-2P								180Ed08		180Ed10	180Ed11	180Ed12
40-220-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07					
40-225-2P								180Ed08		180Ed10	180Ed11	180Ed12
40-225-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07	180Eb08				
50-130-2P					132Cb05-1	132Cb06-1		132Cb08-1		132Cb10-1		
50-130-4P	132Ca01-1	132Ca02-1	132Ca03-1	132Ca04-1								
50-220-2P								180Eu08		180Eu10	180Eu11	180Eu12
50-220-4P		180Et02	180Et03	180Et04	180Et05		180Et07	180Et08				
50-225-2P								180Ee08		180Ee10	180Ee11	180Ee12

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
50-225-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07	180Eb08				
50-280-2P										180Ee10	180Ee11	180Ee12
50-280-4P					180Eb05		180Eb07	180Eb08	180Eb09	180Eb10		
50-350					225Fg05		225Fg07	225Fg08	225Fg09	225Fg10	225Fg11	225Fg12
65-130-2P						160Db06-1		160Db08-1		160Db10-1	160Db11-1	
65-130-4P		160Da02-1	160Da03-1	160Da04-1	160Da05-1							
65-180-2P					160Db05	160Db06		160Db08		160Db10	160Db11	160Db12
65-180-4P		160Da02	160Da03	160Da04	160Da05							
65-210-2P											180Ey11	180Ey12
65-210-4P		180Ey02	180Ey03	180Ey04	180Ey05	180Ey06	180Ey07	180Ey08	180Ey09	180Ey10		
65-225-2P										200Fe10	200Fe11	200Fe12
65-225-4P		200Fb02	200Fb03	200Fb04	200Fb05	200Fb06	200Fb07	200Fb08	200Fb09			
65-280			200Fg03	200Fg04	200Fg05	200Fg06	200Fg07	200Fg08	200Fg09	200Fg10		
80-180.1-2P										160Db10	160Db11	160Db12
80-180-2P						160Db06		160Db08		160Db10	160Db11	160Db12
80-180-4P		160Da02	160Da03	160Da04	160Da05		160Da07					
80-225-2P											200Gf11	200Gf12
80-225-4P			200Gc03	200Gc04	200Gc05	200Gc06	200Gc07	200Gc08	200Gc09	200Gc10		
80-280				200Gg04	200Gg05	200Gg06	200Gg07	200Gg08	200Gg09	200Gg10	200Gg11	
80-350						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
80-380									280Pi09	280Pi10	280Pi11	
100-180-2P								180Fb08		180Fb10	180Fb11	180Fb12
100-180-4P		180Fb02	180Fb03	180Fb04	180Fb05		180Fb07	180Fb08				
100-225.1-2P												225Gf12
100-225.1-4P				225Gc04	225Gc05	225Gc06	225Gc07	225Gc08	225Gc09	225Gc10	225Gc11	
100-225-2P												225Gf12
100-225-4P				225Gc04	225Gc05	225Gc06	225Gc07	225Gc08	225Gc09	225Gc10	225Gc11	
100-280					225Gg05	225Gg06		225Gg08	225Gg09	225Gg10	225Gg11	225Gg12
100-350						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
100-360									280H09i	280H10i	280H11i	280H12i
100-380									280Hi09	280Hi10	280Hi11	
125-180-2P										200Fb10	200Fb11	200Fb12
125-180-4P		200Fb02	200Fb03	200Fb04	200Fb05	200Fb06	200Fb07	200Fb08	200Fb09			
125-225					250Gf05	250Gf06		250Gf08	250Gf09	250Gf10	250Gf11	250Gf12
125-280						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
125-320									280Hg09	280Hg10	280Hg11	280Hg12
125-350									280Hi09	280Hi10	280Hi11	280Hi12
125-355										280Hi10	280Hi11	
125-360										315Hi10	315Hi11	
125-380											315Hi11	
150-225						280Hf06		280Hf08	280Hf09	280Hf10	280Hf11	280Hf12
150-280								280Hi08	280Hi09	280Hi10	280Hi11	280Hi12
150-300										280Lj10	280Lj11	
150-350.1									280Li09	280Li10	280Li11	280Li12
150-350									280Li09	280Li10	280Li11	280Li12
150-355												
150-360											315Hv11	
150-380												
150-390												
200-300											350Mq11	
200-350									350Mi09	350Mi10	350Mi11	
200-380												
200-500												
250-315										400Ms10	400Ms11	

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
250-360											450Mn11	
250-380												
300-300											510N11p	
300-310												
300-350												
300-400												
350-350												

Pump size	Motor frame size												
	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
32-130.1-2P													
32-130.1-4P													
32-130-2P													
32-130-4P													
32-165.1-2P													
32-165.1-4P													
32-180-2P													
32-180-4P													
32-205.1-2P													
32-205.1-4P													
40-130-2P													
40-130-4P													
40-180-2P													
40-180-4P													
40-190-2P		160Cb14											
40-190-4P													
40-220-2P		180Ed14											
40-220-4P													
40-225-2P		180Ed14											
40-225-4P													
50-130-2P													
50-130-4P													
50-220-2P		180Eu14		180Eu16									
50-220-4P													
50-225-2P		180Ee14		180Ee16									
50-225-4P													
50-280-2P		180Ee14		180Ee16	180Ee17	180Ee18							
50-280-4P													
50-350													
65-130-2P													
65-130-4P													
65-180-2P													
65-180-4P													
65-210-2P		180Ey14		180Ey16	180Ey17								
65-210-4P													
65-225-2P		200Fe14		200Fh16	200Fh17								
65-225-4P													
65-280													
80-180.1-2P		160Db14											
80-180-2P		160Db14											
80-180-4P													
80-225-2P		200Gf14		200Gf16	200Gf17	200Gf18	200Gf19						

Pump size	Motor frame size												
	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
80-225-4P													
80-280													
80-350	250Gg13	250Gg14											
80-380	280Pi13	280Pi14	280Pi15	280Pi16	280Pi17	280Pi18							
100-180-2P		180Fd14											
100-180-4P													
100-225.1-2P		225Gf14		225Gf16	225Gf17	225Gf18	225Gf19						
100-225.1-4P													
100-225-2P		225Gf14		225Gf16	225Gf17	225Gf18	225Gf19						
100-225-4P													
100-280	225Gg13												
100-350	250Gg13	250Gg14	250Gg15										
100-360	280Hi13i	280Hi14i	280Hi15i	280Hi16i	280Hi17i	280Hi18i							
100-380	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17	280Hi18	280Hi19	280Hi20					
125-180-2P		200Fb14		200Fb16	200Fb17								
125-180-4P													
125-225	250Gf13												
125-280	250Gg13	250Gg14											
125-320	280Hg13	280Hg14	280Hg15	280Hg16									
125-350	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17								
125-355	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17	280Hi18	280Hi19	280Hi20					
125-360	315Hi13	315Hi14	315Hi15	315Hi16	315Hi17	315Hi18	315Hi19	315Hi20					
125-380	315Hi13	315Hi14	315Hi15	315Hi16	315Hi17	315Hi18	315Hi19	315Hi20					
150-225	280Hf13	280Hf14											
150-280	280Hi13	280Hi14	280Hi15	280Hi16									
150-300	280Lj13	280Lj14	280Lj15	280Lj16	280Lj17								
150-350.1	280Li13	280Li14	280Li15	280Li16	280Li17	280Li18							
150-350	280Li13	280Li14	280Li15	280Li16	280Li17	280Li18	280Li19						
150-355	315Lx13	315Lx14		315Lx16	315Lx17	315Lx18	315Lx19	315Lx20	315Lx22	315Lx22			
150-360	315Hv13	315Hv14	315Hv15	315Hv16	315Hv17	315Hv18	315Hv19	315Hv20	315Hv22	315Hv22			
150-380	315Lk13	315Lk14		315Lk16	315Lk17	315Lk18	315Lk19	315Lk20	315Lk22	315Lk22			
150-390		315Lw14		315Lw16	315Lw17	315Lw18	315Lw19	315Lw20	315Lw22	315Lw22	315Lw23		
200-300	350Mq13	350Mq14	350Mq15	350Mq16	350Mq17	350Mq18							
200-350	350Mi13	350Mi14	350Mi15	350Mi16	350Mi17	350Mi18	350Mi19	350Mi20	350Mi22	350Mi22			
200-380	400M13k	400M14k		400M16k	400M17k	400M18k	400M19k	400M20k	400M22k	400M22k			
200-500				400Mk17	400Mk18	400Mk19	400Mk20	400Mk22	400Mk22	400Mk24	400Mk24	400Mk25	
250-315	400Ms13	400Ms14	400Ms15	400Ms16	400Ms17	400Ms18	400Ms19						
250-360	450Mn13	450Mn14	450Mn15	450Mn16	450Mn17	450Mn18	450Mn19	450Mn20	450Mn22	450Mn22			
250-380		450Mm14		450Mm16	450Mm17	450Mm18	450Mm19	450Mm20	450Mm22	450Mm22			
300-300	510N13p	510N14p		510N16p	510N17p	510N18p	510N19p	510N20p	510N22p	510Np22			
300-310	510Np13	510Np14		510Np16	510Np17	510Np18	510Np19	510Np20	510Np22	510Np22			
300-350				450Ms16	450Ms17	450Ms18	450Ms19	450Ms20	450Ms22	450Ms22	450Ms24	450Ms24	
300-400							450Kr19	450Kr20	450Kr22	450Kr22	450Kr24	450Kr24	450Kr25
350-350				560Jl16	560Jl17	560Jl18	560Jl19	560Jl20	560Jl22	560Jl22	560Jl24	560Jl24	

For E-pump

Pump size	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH
32-130.1-2P	112Aa02	112Aa03	112Aa04	112Aa05	112Aa06	112Aa08		
32-130-2P	112Aa02	112Aa03	112Aa04	112Aa05	112Aa06	112Aa08		
32-130-4P	112Aa02							
32-165.1-2P		132Cb03	132Cb04-1	132Cb05-1	132Cb06-1		132Cb08-1	132Cb10-1
32-165.1-4P	132Ca02-1		132Ca03-1					
32-180-2P		132Ca03	132Ca04	132Ca05	132Ca06	132Ca08		132Ca10
32-180-4P	132Ca02	132Ca03						

Pump size	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH
32-205.1-2P				160Cb05	160Cb06	160Cb08		160Cb10
32-205.1-4P	160Ca02	160Ca03	160Ca04	160Ca05				
40-130-2P			112Bb04	112Bb05	112Bb06	112Bb08		112Bb10
40-130-4P	112Ba02	112Ba03	112Ba04					
40-180-2P				132Cb05	132Cb06	132Cb08		132Cb10
40-180-4P	132Ca02	132Ca03	132Ca04	132Ca05				
40-220-2P						180Ed08		180Ed10
40-220-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07			
40-225-2P						180Ed08		180Ed10
40-225-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07	180Eb08		
50-130-2P				132Cb05-1	132Cb06-1	132Cb08-1		132Cb10-1
50-130-4P	132Ca02-1	132Ca03-1	132Ca04-1	132Ca05-1				
50-225-2P						180Ee08		180Ee10
50-225-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07	180Eb08		
50-280-2P								
50-280-4P				180Eb05	180Eb07	180Eb08	180Eb09	
50-350				225Fg05	225Fg07	225Fg08	225Fg09	
65-130-2P					160Db06-1	160Db08-1		160Db10-1
65-130-4P	160Da02-1	160Da03-1	160Da04-1	160Da05-1				
65-180-2P					160Db06	160Db08		160Db10
65-180-4P	160Da02	160Da03	160Da04	160Da05				
65-225-2P								200Fe10
65-225-4P		200Fb03	200Fb04	200Fb05	200Fb06	200Fb08	200Fb09	
65-280				200Fg05	200Fg06	200Fg08	200Fg09	
80-180-2P						160Db08		160Db10
80-180-4P	160Da02	160Da03	160Da04	160Da05	160Da07			
80-225-2P								
80-225-4P			200Gc04	200Gc05	200Gc06	200Gc08	200Gc09	
80-280					200Gg06	200Gg08	200Gg09	
80-350						250Gg08	250Gg09	
100-180-2P						180Fb08		180Fb10
100-180-4P		180Fb03	180Fb04	180Fb05	180Fb07	180Fb08		
100-225-4P				225Gc05	225Gc06	225Gc08	225Gc09	
125-180-2P								200Fb10
125-180-4P			200Fb04	200Fb05	200Fb06	200Fb08	200Fb09	
125-225						250Gf08	250Gf09	
150-225						280Hf08	280Hf09	
200-350								
250-315								

Pump size	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
32-130.1-2P							
32-130-2P							
32-130-4P							
32-165.1-2P	132Cb10-1						
32-165.1-4P							
32-180-2P							
32-180-4P							
32-205.1-2P							
32-205.1-4P							
40-130-2P							
40-130-4P							
40-180-2P		132Cb10		132Cb10			
40-180-4P							
40-220-2P		180Ed10		180Ed11		180Ed12	

Pump size	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
40-220-4P							
40-225-2P		180Ed10		180Ed11		180Ed12	
40-225-4P							
50-130-2P	132Cb10-1	132Cb10-1					
50-130-4P							
50-225-2P		180Ee10		180Ee11		180Ee12	
50-225-4P							
50-280-2P		180Ee10		180Ee11		180Ee12	
50-280-4P	180Eb10						
50-350	225Fg10		225Fg11		225Fg12		225Fg12
65-130-2P	160Db10-1	160Db10-1		160Db11-1		160Db12-1	
65-130-4P							
65-180-2P		160Db10		160Db11		160Db12	
65-180-4P							
65-225-2P		200Fe10		200Fe11		200Fe12	
65-225-4P							
65-280	200Fg10		200Fg10		200Fg12		
80-180-2P		160Db10		160Db11		160Db12	
80-180-4P							
80-225-2P				200Gf11		200Gf12	
80-225-4P	200Gc10		200Gc10				
80-280	200Gg10		200Gg11		200Gg12		200Gg12
80-350	250Gg10		250Gg11		250Gg12		250Gg13
100-180-2P		180Fb10		180Fb11		180Fb12	
100-180-4P							
100-225-4P	225Gc10		225Gc11		225Gc12		225Gc12
125-180-2P		200Fb10		200Fb11		200Fb12	
125-180-4P							
125-225	250Gf10		250Gf11		250Gf12		250Gf13
150-225	280Hf10		280Hf11		280Hf12		280Hf13
200-350	350Mi10		350Mi11		350Mi13		350Mi13
250-315	400Ms10		400Ms11		400Ms13		400Ms13

Step 3: Use the base frame code and the pump version code to find the needed base frame.

Type/Model



NK 65-280/280ASA2F2SKESBQQENW3

Pump version code

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
112Aa01	200S	92837720	-	-
112Aa02	201S	92837721	-	-
112Aa03	202S	92837722	-	-
112Aa04	203S	92837723	-	-
112Aa05	204S	92837724	-	-
112Aa06	205S	92837725	-	-
112Aa08	206S	92837726	-	-
132Ca01	207S	92837727	-	-
132Ca01-1				
132Ca02	208S	92837728	-	-
132Ca02-1				

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
132Ca03	209S	92837729	-	-
132Ca03-1				
132Cb03	210S	92837730	-	-
132Cb04	211S	92837731	-	-
132Cb04-1				
132Cb05	212S	92837732	-	-
132Cb05-1				
132Cb06	213S	92837733	-	-
132Cb06-1				
132Cb08	214S	92837734	-	-
132Cb08-1				

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
132Ca04 132Ca04-1	215S	92837735	-	-
132Ca05 132Ca05-1	216S	92837736	-	-
132Ca06	217S	92837737	-	-
132Ca08	218S	92837738	-	-
160Ca01	219S	92837740	-	-
160Ca02	220S	92837741	-	-
160Ca03	221S	92837742	-	-
160Ca04	222S	92837743	-	-
160Cb05	223S	92837744	-	-
160Cb06	224S	92837745	-	-
160Cb08	225S	92837746	587S	93196767
160Cb10	226S	92837747	579S	93196765
112Ba01	227S	92837748	-	-
112Ba02	228S	92837749	-	-
112Ba03	229S	92837750	-	-
112Bb03	230S	92837751	-	-
112Bb04	231S	92837752	-	-
112Bb05	232S	92837753	-	-
112Bb06	233S	92837754	-	-
112Bb08	234S	92837755	-	-
112Bb10	235S	92837756	-	-
132Cb10 132Cb10-1	236S	92837757	-	-
180Eb02	237S	92837758	-	-
180Eb03	238S	92837759	-	-
180Eb04	239S	92837760	-	-
180Eb05	240S	92837761	-	-
180Eb07	241S	92837762	-	-
180Eb08	242S	92837768	-	-
180Ed08	-	-	243S	92837763
180Ed10	-	-	244S	92837764
180Ed11	-	-	245S	92837765
180Ed12	-	-	246S	92837766
180Ed14	-	-	247S	92837767
180Ee08	248S	92837769	-	-
180Ee10	249S	92837770	-	-
180Ee11	250S	92837771	-	-
180Ee12	251S	92837772	-	-
180Ee14	252S	92837773	-	-
180Ee16	253S	92837774	-	-
180Eb09	254S	92837775	-	-
180Eb10	255S	92837776	-	-
180Ee17	256S	92837777	-	-
180Ee18	257S	92837778	-	-
225Fg05	258S	92837779	-	-
225Fg07	259S	92837780	-	-
225Fg08	260S	92837781	-	-
225Fg09	261S	92837782	-	-
225Fg10	262S	92837783	-	-
225Fg11	263S	92837784	588S	93196769
225Fg12	264S	92837785	582S	93196771

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
160Da02 160Da02-1	265S	92837786	-	-
160Da03 160Da03-1	266S	92837787	-	-
160Da04 160Da04-1	267S	92837788	-	-
160Da05 160Da05-1	268S	92837789	-	-
160Db06 160Db06-1	269S	92837790	-	-
160Db08 160Db08-1	270S	92837791	-	-
160Db10 160Db10-1	271S	92837792	-	-
160Db11 160Db11-1	272S	92837793	577S	93196761
160Da07	273S	92837821	-	-
160Db05	274S	92837794	-	-
160Db12 160Db12-1	275S	92837795	578S	93196763
200Fb02	276S	92837796	-	-
200Fb03	277S	92837797	-	-
200Fb04	278S	92837798	-	-
200Fb05	279S	92837799	-	-
200Fb06	280S	92837800	-	-
200Fb07	281S	92837801	-	-
200Fb08	282S	92837802	-	-
200Fb09	283S	92837803	-	-
200Fe10	284S	92837804	-	-
200Fe11	285S	92837805	288S	92837808
200Fe12	286S	92837806	289S	92837809
200Fe14	287S	92837807	290S	92837810
200Fh16	-	-	291S	92837811
200Fh17	-	-	292S	92837812
200Fg03	293S	92837813	-	-
200Fg04	294S	92837814	-	-
200Fg05	295S	92837815	-	-
200Fg06	296S	92837816	-	-
200Fg07	297S	92837817	-	-
200Fg08	298S	92837818	-	-
200Fg09	299S	92837819	-	-
200Fg10	300S	92837820	-	-
160Db14	301S	92837822	672S	93455238
200Gc03	302S	92837823	-	-
200Gc04	303S	92837824	-	-
200Gc05	304S	92837825	-	-
200Gc06	305S	92837826	-	-
200Gc07	306S	92837827	-	-
200Gc08	307S	92837828	-	-
200Gc09	308S	92837829	-	-
200Gc10	309S	92837830	-	-
200Gf11	310S	92837831	-	-
200Gf12	311S	92837832	-	-
200Gf14	312S	92837833	-	-

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
200Gf16	313S	92837834	-	-
200Gf17	314S	92837835	-	-
200Gf18	315S	92837836	-	-
200Gf19	316S	92837837	-	-
200Gg04	317S	92837838	-	-
200Gg05	318S	92837839	-	-
200Gg06	319S	92837840	-	-
200Gg07	320S	92837841	-	-
200Gg08	321S	92837842	-	-
200Gg09	322S	92837843	-	-
200Gg10	323S	92837844	-	-
200Gg11	324S	92837845	584S	93196775
250Gg06	325S	92837846	-	-
250Gg08	326S	92837847	-	-
250Gg09	327S	92837848	-	-
250Gg10	328S	92837849	-	-
250Gg11	329S	92837850	-	-
250Gg12	330S	92837851	-	-
250Gg13	331S	92837852	-	-
250Gg14	332S	92837853	-	-
180Fb02	333S	92837854	-	-
180Fb03	334S	92837856	-	-
180Fb04	335S	92837857	-	-
180Fb05	336S	92837858	-	-
180Fb07	337S	92837859	-	-
180Fb08	338S	92837860	-	-
180Fb10	339S	92837861	342S	92837864
180Fb11	340S	92837862	343S	92837865
180Fb12	341S	92837863	344S	92837866
180Fd14	-	-	345S	92837867
225Gc04	346S	92837868	-	-
225Gc05	347S	92837869	-	-
225Gc06	348S	92837870	-	-
225Gc07	349S	92837871	-	-
225Gc08	350S	92837872	-	-
225Gc09	351S	92837873	-	-
225Gc10	352S	92837874	-	-
225Gc11	353S	92837875	-	-
225Gf12	354S	92837876	-	-
225Gf14	355S	92837877	-	-
225Gf16	356S	92837878	-	-
225Gf17	357S	92837879	-	-
225Gf18	358S	92837880	-	-
225Gf19	359S	92837881	-	-
225Gg05	360S	92837882	-	-
225Gg06	361S	92837883	-	-
225Gg08	362S	92837884	-	-
225Gg09	363S	92837885	-	-
225Gg10	364S	92837886	-	-
225Gg11	365S	92837887	-	-
225Gg12	366S	92837888	-	-
225Gg13	367S	92837889	-	-
250Gg15	368S	92837890	-	-

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
280Hi09	369S	92837891	-	-
280Hi10	370S	92837892	-	-
280Hi11	371S	92837893	-	-
280Hi13	372S	92837894	-	-
280Hi14	373S	92837895	-	-
280Hi15	374S	92837896	-	-
280Hi16	375S	92837897	-	-
280Hi17	376S	92837898	-	-
280Hi18	377S	92837899	-	-
280Hi19	378S	92837900	-	-
280Hi20	379S	92837901	-	-
200Fb10	380S	92837902	-	-
200Fb11	381S	92837903	-	-
200Fb12	382S	92837904	-	-
200Fb14	383S	92837905	-	-
200Fb16	384S	92837906	-	-
200Fb17	385S	92837907	-	-
250Gf05	386S	92837908	-	-
250Gf06	387S	92837909	-	-
250Gf08	388S	92837910	-	-
250Gf09	389S	92837911	-	-
250Gf10	390S	92837912	-	-
250Gf11	391S	92837913	-	-
250Gf12	392S	92837914	-	-
250Gf13	393S	92837915	-	-
280Hi12	394S	92837916	-	-
315Hi11	395S	92837917	-	-
315Hi13	396S	92837918	625S	93196975
315Hi14	397S	92837919	626S	93196976
315Hi15	398S	92837920	627S	93196977
315Hi16	399S	92837921	628S	93196978
315Hi17	400S	92837922	629S	93196979
315Hi18	401S	92837923	630S	93196980
315Hi19	402S	92837924	631S	93196981
315Hi20	403S	92837925	632S	93196982
280Hf06	404S	92837926	-	-
280Hf08	405S	92837927	-	-
280Hf09	406S	92837928	-	-
280Hf10	407S	92837929	-	-
280Hf11	408S	92837930	-	-
280Hf12	409S	92837931	-	-
280Hf13	410S	92837932	-	-
280Hf14	411S	92837933	-	-
280Hi08	412S	92837934	-	-
280Li09	413S	92837935	-	-
280Li10	414S	92837936	-	-
280Li11	415S	92837937	-	-
280Li12	416S	92837938	-	-
280Li13	417S	92837939	-	-
280Li14	418S	92837940	-	-
280Li15	419S	92837941	-	-
280Li16	420S	92837942	-	-
280Li17	421S	92837943	-	-

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
280Li18	422S	92837944	-	-
280Li19	423S	92837946	-	-
315Lk13	424S	92837947	-	-
315Lk14	425S	92837948	-	-
315Lk16	426S	92837949	-	-
315Lk17	427S	92837950	-	-
315Lk18	428S	92837951	-	-
315Lk19	429S	92837952	-	-
315Lk20	430S	92837953	-	-
315Lk22	431S	92837954	-	-
450Mm14	432S	92837955	-	-
450Mm16	433S	92837956	-	-
450Mm17	434S	92837957	-	-
450Mm18	435S	92837958	-	-
450Mm19	436S	92837959	-	-
450Mm20	437S	92837960	-	-
450Mm22	438S	92837961	-	-
132Ca10	439S	92837739	-	-
280H09i	440S	92837962	-	-
280H10i	441S	92837963	-	-
280H11i	442S	92837964	-	-
280H12i	443S	92837965	-	-
280H13i	444S	92837966	-	-
280H14i	445S	92837967	-	-
280H15i	446S	92837969	-	-
280H16i	447S	92837970	-	-
280H17i	448S	92837971	-	-
280H18i	449S	92837972	-	-
280Lj10	450S	92837973	-	-
280Lj11	451S	92837974	-	-
280Lj13	452S	92837975	-	-
280Lj14	453S	92837976	-	-
280Lj15	454S	92837977	-	-
280Lj16	455S	92837978	-	-
280Lj17	456S	92837979	-	-
350Mq11	457S	92837980	-	-
350Mq13	458S	92837981	-	-
350Mq14	459S	92837982	-	-
350Mq15	460S	92837983	-	-
350Mq16	461S	92837984	-	-
350Mq17	462S	92837985	-	-
350Mq18	463S	92837986	-	-
350Mi09	464S	92837987	476S	92837999
350Mi10	465S	92837988	477S	92838000
350Mi11	466S	92837989	478S	92838001
350Mi13	467S	92837990	479S	92838002
350Mi14	468S	92837991	480S	92838003
350Mi15	469S	92837992	481S	92838004
350Mi16	470S	92837993	482S	92838005
350Mi17	471S	92837994	483S	92838006
350Mi18	472S	92837995	484S	92838007
350Mi19	473S	92837996	485S	92838008
350Mi20	474S	92837997	486S	92838009

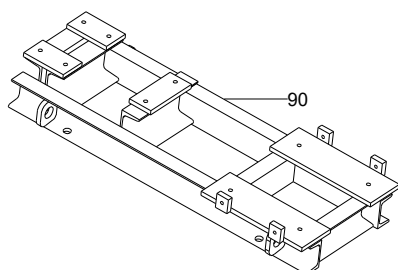
Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
350Mi22	475S	92837998	487S	92838010
400M13k	488S	92838011	-	-
400M14k	489S	92838012	-	-
400M16k	490S	92838013	-	-
400M17k	491S	92838014	-	-
400M18k	492S	92838015	-	-
400M19k	493S	92838016	-	-
400M20k	494S	92838017	-	-
400M22k	495S	92838018	-	-
400Mk17	496S	92838019	-	-
400Mk18	497S	92838020	-	-
400Mk19	498S	92838021	-	-
400Mk20	499S	92838022	-	-
400Mk22	500S	92838023	-	-
400Mk24	501S	92838024	-	-
400Mk25	502S	92838025	-	-
400Ms10	503S	92838026	-	-
400Ms11	504S	92838027	-	-
400Ms13	505S	92838028	-	-
400Ms14	506S	92838029	-	-
400Ms15	507S	92838030	-	-
400Ms16	508S	92838031	-	-
400Ms17	509S	92838032	-	-
400Ms18	510S	92838033	-	-
400Ms19	511S	92838034	-	-
450Mn11	512S	92838035	-	-
450Mn13	513S	92838036	-	-
450Mn14	514S	92838037	-	-
450Mn15	515S	92838038	-	-
450Mn16	516S	92838039	-	-
450Mn17	517S	92838040	-	-
450Mn18	518S	92838041	-	-
450Mn19	519S	92838043	-	-
450Mn20	520S	92838044	-	-
450Mn22	521S	92838045	-	-
510N11p	522S	92838046	-	-
510N13p	523S	92838047	-	-
510N14p	524S	92838048	-	-
510N16p	525S	92838049	-	-
510N17p	526S	92838050	-	-
510N18p	527S	92838051	-	-
510N19p	528S	92838052	-	-
510N20p	529S	92838053	-	-
510N22p	530S	92838054	-	-
510Np13	531S	92838055	-	-
510Np14	532S	92838056	-	-
510Np16	533S	92838057	533S	92838057
510Np17	534S	92838058	534S	92838058
510Np18	535S	92838059	535S	92838059
510Np19	536S	92838060	536S	92838060
510Np20	537S	92838061	537S	92838061
510Np22	538S	92838062	538S	92838062
450Ms16	546S	92838063	-	-

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
450Ms17	547S	92838064	-	-
450Ms18	548S	92838065	548S	92838065
450Ms19	549S	92838066	549S	92838066
450Ms20	550S	92838067	550S	92838067
450Ms22	551S	92838068	551S	92838068
450Ms24	-	-	556S	92838069
450Kr19	557S	92838070	-	-
450Kr20	558S	92838071	-	-
450Kr22	559S	92838072	559S	92838072
450Kr24	560S	92838074	560S	92838074
450Kr25	-	-	563S	92838075
560JI16	564S	92838076	-	-
560JI17	565S	92838077	-	-
560JI18	566S	92838078	566S	92838078
560JI19	567S	92838079	567S	92838079
560JI20	568S	92838080	568S	92838080
160Ca05	580S	93018584	-	-
112Ba04	581S	93018586	-	-
200Fg12	586S	93196779	-	-
200Gg12	-	-	585S	93196777
225Gc12	-	-	583S	93196773
280Hg09	589S	93193896	-	-
280Hg10	590S	93193897	-	-
280Hg11	591S	93193898	-	-
280Hg12	592S	93193899	-	-
280Hg13	593S	93193900	-	-
280Hg14	594S	93193901	-	-
315Hv11	595S	93193902	-	-
315Hv13	596S	93193903	-	-
315Hv14	597S	93193904	-	-
315Hv15	598S	93193905	-	-
315Hv16	599S	93193906	-	-
315Hv17	600S	93201883	-	-
315Hv18	601S	93201884	-	-
315Hv19	602S	93201885	-	-
315Hv20	603S	93201886	-	-
315Lw14	604S	93201887	-	-
315Lw16	605S	93201888	-	-
315Lw17	606S	93201889	-	-
315Lw18	607S	93201920	-	-
315Lw19	608S	93201921	-	-
315Lw20	609S	93201922	-	-
315Lw22	610S	93201923	-	-
180Et02	611S	93201924	-	-
180Et03	612S	93201925	-	-
180Et04	613S	93201926	-	-
180Et05	614S	93201927	-	-
180Eu08	615S	93201928	-	-
180Eu10	616S	93201929	-	-
180Eu11	617S	93201930	-	-
180Eu12	618S	93201931	-	-
315Hi10	620S	93202038	-	-
315Hv22	621S	93196983	-	-

Base frame code	Pump versions			
	A2, I2		G2, H2, J2, K2	
	BF code	Spare PN	BF code	Spare PN
280Hg15	622S	93196984	-	-
280Hg16	623S	93196985	-	-
315Lw23	624S	93196986	-	-
560JI22	569S	92838081	569S	92838081
560JI24	-	-	574S	92838082
160Cb11	619S	93201932	-	-
160Cb12	625S	93197192	-	-
160Cb14	626S	93197193	-	-
160Ca07	627S	93197194	-	-
180Eu14	628S	93197195	-	-
180Eu16	629S	93197196	-	-
180Et07	630S	93197197	-	-
180Et08	631S	93197198	-	-
315Lx13	649S	93342320	-	-
315Lx14	650S	93342321	-	-
315Lx16	651S	93342322	-	-
315Lx17	652S	93342323	-	-
315Lx18	653S	93342324	-	-
315Lx19	654S	93342325	-	-
315Lx20	655S	93455189	-	-
315Lx22	657S	93455191	-	-
280Pi09	658S	93455199	-	-
280Pi10	659S	93455200	-	-
280Pi11	660S	93455201	665S	93455231
280Pi13	661S	93455202	666S	93455232
280Pi14	662S	93455203	667S	93455233
280Pi15	663S	93455204	668S	93455234
280Pi16	664S	93455205	669S	93455235
280Pi17	-	-	670S	93455236
280Pi18	-	-	671S	93455237
180Ey02	683S	93455288	-	-
180Ey03	684S	93455289	-	-
180Ey04	685S	93455290	-	-
180Ey05	673S	93455248	-	-
180Ey06	686S	93455291	-	-
180Ey07	674S	93455249	-	-
180Ey08	675S	93455250	-	-
180Ey09	676S	93455257	-	-
180Ey10	677S	93455258	-	-
180Ey11	-	-	678S	93455269
180Ey12	-	-	679S	93455270
180Ey14	-	-	680S	93455271
180Ey16	-	-	681S	93455278
180Ey17	-	-	682S	93455279

Spare - Base frame, standard coupling

Standard coupling



TM1040123

Spare - Base frame, standard coupling

90: Base frame, standard coupling

Step 1: Find the motor frame size on the motor nameplate.



TM090981

Step 2: Use the pump size and the motor frame size to find the base frame code.

For fixed pump

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
32-130.1-2P		112Aa02	112Aa03	112Aa04	112Aa05	112Aa06		112Aa08				
32-130.1-4P	112Aa01	112Aa02										
32-130-2P		112Aa02	112Aa03	112Aa04	112Aa05	112Aa06		112Aa08				
32-130-4P	112Aa01	112Aa02										
32-165.1-2P			132Cb03	132Cb04-1	132Cb05-1	132Cb06-1		132Cb08-1				
32-165.1-4P	132Ca01-1	132Ca02-1										
32-180-2P			132Ca03	132Ca04	132Ca05	132Ca06		132Ca08		132Ca10		
32-180-4P	132Ca01	132Ca02	132Ca03									
32-205.1-2P					160Cb05	160Cb06		160Cb08		160Cb10		
32-205.1-4P	160Ca01	160Ca02	160Ca03	160Ca04								
40-130-2P			112Bb03	112Bb04	112Bb05	112Bb06		112Bb08				
40-130-4P	112Ba01	112Ba02	112Ba03									
40-180-2P				132Cb04	132Cb05	132Cb06		132Cb08		132Cb10		
40-180-4P	132Ca01	132Ca02	132Ca03	132Ca04	132Ca05							
40-190-2P								160Cb08		160Cb10	160Cb11	160Cb12
40-190-4P		160Ca02	160Ca03	160Ca04	160Ca05		160Ca07					
40-220-2P								180Ed08		180Ed10	180Ed11	180Ed12
40-220-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07					
40-225-2P								180Ed08		180Ed10	180Ed11	180Ed12
40-225-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07	180Eb08				
50-130-2P					132Cb05-1	132Cb06-1		132Cb08-1		132Cb10-1		
50-130-4P	132Ca01-1	132Ca02-1	132Ca03-1	132Ca04-1								
50-220-2P								180Eu08		180Eu10	180Eu11	180Eu12

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
50-220-4P		180Et02	180Et03	180Et04	180Et05		180Et07	180Et08				
50-225-2P								180Ee08		180Ee10	180Ee11	180Ee12
50-225-4P		180Eb02	180Eb03	180Eb04	180Eb05		180Eb07	180Eb08				
50-280-2P										180Ee10	180Ee11	180Ee12
50-280-4P					180Eb05		180Eb07	180Eb08	180Eb09	180Eb10		
50-350					225Fg05		225Fg07	225Fg08	225Fg09	225Fg10	225Fg11	225Fg12
65-130-2P						160Db06-1		160Db08-1		160Db10-1	160Db11-1	
65-130-4P		160Da02-1	160Da03-1	160Da04-1	160Da05-1							
65-180-2P					160Db05	160Db06		160Db08		160Db10	160Db11	160Db12
65-180-4P		160Da02	160Da03	160Da04	160Da05							
65-210-2P											180Ey11	180Ey12
65-210-4P		180Ey02	180Ey03	180Ey04	180Ey05	180Ey06	180Ey07	180Ey08	180Ey09	180Ey10		
65-225-2P										200Fe10	200Fe11	200Fe12
65-225-4P		200Fb02	200Fb03	200Fb04	200Fb05	200Fb06	200Fb07	200Fb08	200Fb09			
65-280			200Fg03	200Fg04	200Fg05	200Fg06	200Fg07	200Fg08	200Fg09	200Fg10		
80-180.1-2P										160Db10	160Db11	160Db12
80-180-2P						160Db06		160Db08		160Db10	160Db11	160Db12
80-180-4P		160Da02	160Da03	160Da04	160Da05		160Da07					
80-225-2P											200Gf11	200Gf12
80-225-4P			200Gc03	200Gc04	200Gc05	200Gc06	200Gc07	200Gc08	200Gc09	200Gc10		
80-280				200Gg04	200Gg05	200Gg06	200Gg07	200Gg08	200Gg09	200Gg10	200Gg11	
80-350						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
80-380									280Pi09	280Pi10	280Pi11	
100-180-2P								180Fb08		180Fb10	180Fb11	180Fb12
100-180-4P		180Fb02	180Fb03	180Fb04	180Fb05		180Fb07	180Fb08				
100-225.1-2P												225Gf12
100-225.1-4P				225Gc04	225Gc05	225Gc06	225Gc07	225Gc08	225Gc09	225Gc10	225Gc11	
100-225-2P												225Gf12
100-225-4P				225Gc04	225Gc05	225Gc06	225Gc07	225Gc08	225Gc09	225Gc10	225Gc11	
100-280					225Gg05	225Gg06		225Gg08	225Gg09	225Gg10	225Gg11	225Gg12
100-350						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
100-360									280H09i	280H10i	280H11i	280H12i
100-380									280Hi09	280Hi10	280Hi11	
125-180-2P										200Fb10	200Fb11	200Fb12
125-180-4P		200Fb02	200Fb03	200Fb04	200Fb05	200Fb06	200Fb07	200Fb08	200Fb09			
125-225					250Gf05	250Gf06		250Gf08	250Gf09	250Gf10	250Gf11	250Gf12
125-280						250Gg06		250Gg08	250Gg09	250Gg10	250Gg11	250Gg12
125-320									280Hg09	280Hg10	280Hg11	280Hg12
125-350									280Hi09	280Hi10	280Hi11	280Hi12
125-355										280Hi10	280Hi11	
125-360										315Hi10	315Hi11	
125-380											315Hi11	
150-225						280Hf06		280Hf08	280Hf09	280Hf10	280Hf11	280Hf12
150-280								280Hi08	280Hi09	280Hi10	280Hi11	280Hi12
150-300										280Lj10	280Lj11	
150-350.1									280Li09	280Li10	280Li11	280Li12
150-350									280Li09	280Li10	280Li11	280Li12
150-355												
150-360											315Hv11	
150-380												
150-390												
200-300											350Mq11	
200-350									350Mi09	350Mi10	350Mi11	
200-380												

Pump size	Motor frame size											
	71M	80M	90S	90L	100L	112M-2,6	112M-4	132S	132M	160M	160L	180M
200-500												
250-315										400Ms10	400Ms11	
250-360											450Mn11	
250-380												
300-300											510N11p	
300-310												
300-350												
300-400												
350-350												

Pump size	Motor frame size												
	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
32-130.1-2P													
32-130.1-4P													
32-130-2P													
32-130-4P													
32-165.1-2P													
32-165.1-4P													
32-180-2P													
32-180-4P													
32-205.1-2P													
32-205.1-4P													
40-130-2P													
40-130-4P													
40-180-2P													
40-180-4P													
40-190-2P		160Cb14											
40-190-4P													
40-220-2P		180Ed14											
40-220-4P													
40-225-2P		180Ed14											
40-225-4P													
50-130-2P													
50-130-4P													
50-220-2P		180Eu14		180Eu16									
50-220-4P													
50-225-2P		180Ee14		180Ee16									
50-225-4P													
50-280-2P		180Ee14		180Ee16	180Ee17	180Ee18							
50-280-4P													
50-350													
65-130-2P													
65-130-4P													
65-180-2P													
65-180-4P													
65-210-2P		180Ey14		180Ey16	180Ey17								
65-210-4P													
65-225-2P		200Fe14		200Fh16	200Fh17								
65-225-4P													
65-280													
80-180.1-2P		160Db14											
80-180-2P		160Db14											

Pump size	Motor frame size												
	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X
80-180-4P													
80-225-2P		200Gf14		200Gf16	200Gf17	200Gf18	200Gf19						
80-225-4P													
80-280													
80-350	250Gg13	250Gg14											
80-380	280Pi13	280Pi14	280Pi15	280Pi16	280Pi17	280Pi18							
100-180-2P		180Fd14											
100-180-4P													
100-225.1-2P		225Gf14		225Gf16	225Gf17	225Gf18	225Gf19						
100-225.1-4P													
100-225-2P		225Gf14		225Gf16	225Gf17	225Gf18	225Gf19						
100-225-4P													
100-280	225Gg13												
100-350	250Gg13	250Gg14	250Gg15										
100-360	280Hi13i	280Hi14i	280Hi15i	280Hi16i	280Hi17i	280Hi18i							
100-380	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17	280Hi18	280Hi19	280Hi20					
125-180-2P		200Fb14		200Fb16	200Fb17								
125-180-4P													
125-225	250Gf13												
125-280	250Gg13	250Gg14											
125-320	280Hg13	280Hg14	280Hg15	280Hg16									
125-350	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17								
125-355	280Hi13	280Hi14	280Hi15	280Hi16	280Hi17	280Hi18	280Hi19	280Hi20					
125-360	315Hi13	315Hi14	315Hi15	315Hi16	315Hi17	315Hi18	315Hi19	315Hi20					
125-380	315Hi13	315Hi14	315Hi15	315Hi16	315Hi17	315Hi18	315Hi19	315Hi20					
150-225	280Hf13	280Hf14											
150-280	280Hi13	280Hi14	280Hi15	280Hi16									
150-300	280Lj13	280Lj14	280Lj15	280Lj16	280Lj17								
150-350.1	280Li13	280Li14	280Li15	280Li16	280Li17	280Li18							
150-350	280Li13	280Li14	280Li15	280Li16	280Li17	280Li18	280Li19						
150-355	315Lx13	315Lx14		315Lx16	315Lx17	315Lx18	315Lx19	315Lx20	315Lx22	315Lx22			
150-360	315Hv13	315Hv14	315Hv15	315Hv16	315Hv17	315Hv18	315Hv19	315Hv20	315Hv22	315Hv22			
150-380	315Lk13	315Lk14		315Lk16	315Lk17	315Lk18	315Lk19	315Lk20	315Lk22	315Lk22			
150-390		315Lw14		315Lw16	315Lw17	315Lw18	315Lw19	315Lw20	315Lw22	315Lw22	315Lw23		
200-300	350Mq13	350Mq14	350Mq15	350Mq16	350Mq17	350Mq18							
200-350	350Mi13	350Mi14	350Mi15	350Mi16	350Mi17	350Mi18	350Mi19	350Mi20	350Mi22	350Mi22			
200-380	400M13k	400M14k		400M16k	400M17k	400M18k	400M19k	400M20k	400M22k	400M22k			
200-500					400Mk17	400Mk18	400Mk19	400Mk20	400Mk22	400Mk22	400Mk24	400Mk24	400Mk25
250-315	400Ms13	400Ms14	400Ms15	400Ms16	400Ms17	400Ms18	400Ms19						
250-360	450Mn13	450Mn14	450Mn15	450Mn16	450Mn17	450Mn18	450Mn19	450Mn20	450Mn22	450Mn22			
250-380		450Mm14		450Mm16	450Mm17	450Mm18	450Mm19	450Mm20	450Mm22	450Mm22			
300-300	510N13p	510N14p		510N16p	510N17p	510N18p	510N19p	510N20p	510N22p	510Np22			
300-310	510Np13	510Np14		510Np16	510Np17	510Np18	510Np19	510Np20	510Np22	510Np22			
300-350				450Ms16	450Ms17	450Ms18	450Ms19	450Ms20	450Ms22	450Ms22	450Ms24	450Ms24	
300-400							450Kr19	450Kr20	450Kr22	450Kr22	450Kr24	450Kr24	450Kr25
350-350				560Jl16	560Jl17	560Jl18	560Jl19	560Jl20	560Jl22	560Jl22	560Jl24	560Jl24	

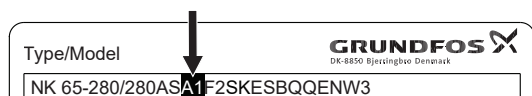
For E-pump

Pump size	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH
32-130.1-2P	112Aa02	112Aa03	112Aa04	112Aa05	112Aa06	112Aa08		
32-130-2P	112Aa02	112Aa03	112Aa04	112Aa05	112Aa06	112Aa08		
32-130-4P	112Aa02							
32-165.1-2P		132Cb03	132Cb04-1	132Cb05-1	132Cb06-1		132Cb08-1	132Cb10-1
32-165.1-4P	132Ca02-1		132Ca03-1					

Pump size	MGE80	MGE90S	MGE90L	MGE100	MGE112	MGE132S	MGE132M	MGE160MH
32-180-2P		132Ca03	132Ca04	132Ca05	132Ca06	132Ca08		132Ca10
32-180-4P	132Ca02	132Ca03						
32-205.1-2P				160Cb05	160Cb06	160Cb08		160Cb10
32-205.1-4P	160Ca02	160Ca03	160Ca04	160Ca05				
40-130-2P			112Bb04	112Bb05	112Bb06	112Bb08		112Bb10
40-130-4P	112Ba02	112Ba03	112Ba04					
40-180-2P				132Cb05	132Cb06	132Cb08		132Cb10
40-180-4P	132Ca02	132Ca03	132Ca04	132Ca05				
40-220-2P						180Ed08		180Ed10
40-220-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07			
40-225-2P						180Ed08		180Ed10
40-225-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07	180Eb08		
50-130-2P				132Cb05-1	132Cb06-1	132Cb08-1		132Cb10-1
50-130-4P	132Ca02-1	132Ca03-1	132Ca04-1	132Ca05-1				
50-225-2P						180Ee08		180Ee10
50-225-4P	180Eb02	180Eb03	180Eb04	180Eb05	180Eb07	180Eb08		
50-280-2P								
50-280-4P				180Eb05	180Eb07	180Eb08	180Eb09	
50-350				225Fg05	225Fg07	225Fg08	225Fg09	
65-130-2P					160Db06-1	160Db08-1		160Db10-1
65-130-4P	160Da02-1	160Da03-1	160Da04-1	160Da05-1				
65-180-2P					160Db06	160Db08		160Db10
65-180-4P	160Da02	160Da03	160Da04	160Da05				
65-225-2P								200Fe10
65-225-4P		200Fb03	200Fb04	200Fb05	200Fb06	200Fb08	200Fb09	
65-280				200Fg05	200Fg06	200Fg08	200Fg09	
80-180-2P						160Db08		160Db10
80-180-4P	160Da02	160Da03	160Da04	160Da05	160Da07			
80-225-2P								
80-225-4P			200Gc04	200Gc05	200Gc06	200Gc08	200Gc09	
80-280					200Gg06	200Gg08	200Gg09	
80-350						250Gg08	250Gg09	
100-180-2P						180Fb08		180Fb10
100-180-4P		180Fb03	180Fb04	180Fb05	180Fb07	180Fb08		
100-225-4P				225Gc05	225Gc06	225Gc08	225Gc09	
125-180-2P								200Fb10
125-180-4P			200Fb04	200Fb05	200Fb06	200Fb08	200Fb09	
125-225						250Gf08	250Gf09	
150-225						280Hf08	280Hf09	
200-350								
250-315								
Pump size	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG	
32-130.1-2P								
32-130-2P								
32-130-4P								
32-165.1-2P	132Cb10-1							
32-165.1-4P								
32-180-2P								
32-180-4P								
32-205.1-2P								
32-205.1-4P								
40-130-2P								
40-130-4P								
40-180-2P		132Cb10		132Cb10				

Pump size	MGE160MD	MGE160MA	MGE160LE	MGE160LB	MGE180MF	MGE180MC	MGE180LG
40-180-4P							
40-220-2P		180Ed10		180Ed11		180Ed12	
40-220-4P							
40-225-2P		180Ed10		180Ed11		180Ed12	
40-225-4P							
50-130-2P	132Cb10-1	132Cb10-1					
50-130-4P							
50-225-2P		180Ee10		180Ee11		180Ee12	
50-225-4P							
50-280-2P		180Ee10		180Ee11		180Ee12	
50-280-4P	180Eb10						
50-350	225Fg10		225Fg11		225Fg12		225Fg12
65-130-2P	160Db10-1	160Db10-1		160Db11-1		160Db12-1	
65-130-4P							
65-180-2P		160Db10		160Db11		160Db12	
65-180-4P							
65-225-2P		200Fe10		200Fe11		200Fe12	
65-225-4P							
65-280	200Fg10		200Fg10		200Fg12		
80-180-2P		160Db10		160Db11		160Db12	
80-180-4P							
80-225-2P				200Gf11		200Gf12	
80-225-4P	200Gc10		200Gc10				
80-280	200Gg10		200Gg11		200Gg12		200Gg12
80-350	250Gg10		250Gg11		250Gg12		250Gg13
100-180-2P		180Fb10		180Fb11		180Fb12	
100-180-4P							
100-225-4P	225Gc10		225Gc11		225Gc12		225Gc12
125-180-2P		200Fb10		200Fb11		200Fb12	
125-180-4P							
125-225	250Gf10		250Gf11		250Gf12		250Gf13
150-225	280Hf10		280Hf11		280Hf12		280Hf13
200-350	350Mi10		350Mi11		350Mi13		350Mi13
250-315	400Ms10		400Ms11		400Ms13		400Ms13

Step 3: Use the base frame code and the pump version code to find the needed base frame.



Pump version code

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
112Aa01	200	92728727	-	-
112Aa02	201	92728728	-	-
112Aa03	202	92728729	-	-
112Aa04	203	92728730	-	-
112Aa05	204	92728731	-	-
112Aa06	205	92728732	-	-
112Aa08	206	92728733	-	-
132Ca01				
132Ca01-1	207	92728734	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
132Ca02				
132Ca02-1	208	92728735	-	-
132Ca03				
132Ca03-1	209	92728736	-	-
132Cb03	210	92728737	-	-
132Cb04				
132Cb04-1	211	92728738	-	-
132Cb05				
132Cb05-1	212	92728739	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
132Cb06	213	92728740	-	-
132Cb06-1				
132Cb08	214	92728741	-	-
132Cb08-1				
132Ca04	215	92728742	-	-
132Ca04-1				
132Ca05	216	92728744	-	-
132Ca05-1				
132Ca06	217	92728745	-	-
132Ca08	218	92728746	-	-
160Ca01	219	92728747	-	-
160Ca02	220	92728748	-	-
160Ca03	221	92728749	-	-
160Ca04	222	92728750	-	-
160Cb05	223	92728751	-	-
160Cb06	224	92728752	-	-
160Cb08	225	92728753	587	93196766
160Cb10	226	92728754	579	93196764
112Ba01	227	92728755	-	-
112Ba02	228	92728756	-	-
112Ba03	229	92728757	-	-
112Bb03	230	92728758	-	-
112Bb04	231	92728759	-	-
112Bb05	232	92728760	-	-
112Bb06	233	92728761	-	-
112Bb08	234	92728762	-	-
112Bb10	235	92728763	-	-
132Cb10	236	92728764	-	-
132Cb10-1				
180Eb02	237	92728765	-	-
180Eb03	238	92728766	-	-
180Eb04	239	92728767	-	-
180Eb05	240	92728768	-	-
180Eb07	241	92728769	-	-
180Eb08	242	92728775	-	-
180Ed08	-	-	243	92728770
180Ed10	-	-	244	92728771
180Ed11	-	-	245	92728772
180Ed12	-	-	246	92728773
180Ed14	-	-	247	92728774
180Ee08	248	92728776	-	-
180Ee10	249	92728777	-	-
180Ee11	250	92728778	-	-
180Ee12	251	92728779	-	-
180Ee14	252	92728780	-	-
180Ee16	253	92728781	-	-
180Eb09	254	92728782	-	-
180Eb10	255	92728783	-	-
180Ee17	256	92728784	-	-
180Ee18	257	92728785	-	-
225Fg05	258	92728786	-	-
225Fg07	259	92728787	-	-
225Fg08	260	92728788	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
225Fg09	261	92728789	-	-
225Fg10	262	92728790	-	-
225Fg11	263	92728791	588	93196768
225Fg12	264	92728792	582	93196770
160Da02	265	92728793	-	-
160Da02-1				
160Da03	266	92728794	-	-
160Da03-1				
160Da04	267	92728795	-	-
160Da04-1				
160Da05	268	92728796	-	-
160Da05-1				
160Db06	269	92728797	-	-
160Db06-1				
160Db08	270	92728798	-	-
160Db08-1				
160Db10	271	92728799	-	-
160Db10-1				
160Db11	272	92728800	577	93196760
160Db11-1				
160Da07	273	92728801	-	-
160Db05	274	92728802	-	-
160Db12	275	92728803	578	93196762
160Db12-1				
200Fb02	276	92728804	-	-
200Fb03	277	92728805	-	-
200Fb04	278	92728806	-	-
200Fb05	279	92728807	-	-
200Fb06	280	92728808	-	-
200Fb07	281	92728809	-	-
200Fb08	282	92728810	-	-
200Fb09	283	92728811	-	-
200Fe10	284	92728812	-	-
200Fe11	285	92728813	288	92728975
200Fe12	286	92728814	289	92728976
200Fe14	287	92728815	290	92728977
200Fh16	-	-	291	92728816
200Fh17	-	-	292	92728817
200Fg03	293	92728818	-	-
200Fg04	294	92728819	-	-
200Fg05	295	92728820	-	-
200Fg06	296	92728821	-	-
200Fg07	297	92728822	-	-
200Fg08	298	92728823	-	-
200Fg09	299	92728824	-	-
200Fg10	300	92728825	-	-
160Db14	301	92728826	672	93455222
200Gc03	302	92728827	-	-
200Gc04	303	92728828	-	-
200Gc05	304	92728829	-	-
200Gc06	305	92728830	-	-
200Gc07	306	92728831	-	-
200Gc08	307	92728832	-	-
200Gc09	308	92728833	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
200Gc10	309	92728834	-	-
200Gf11	310	92728835	-	-
200Gf12	311	92728836	-	-
200Gf14	312	92728837	-	-
200Gf16	313	92728838	-	-
200Gf17	314	92728839	-	-
200Gf18	315	92728840	-	-
200Gf19	316	92728841	-	-
200Gg04	317	92728842	-	-
200Gg05	318	92728843	-	-
200Gg06	319	92728844	-	-
200Gg07	320	92728845	-	-
200Gg08	321	92728846	-	-
200Gg09	322	92728847	-	-
200Gg10	323	92728848	-	-
200Gg11	324	92728849	584	93196774
250Gg06	325	92728850	-	-
250Gg08	326	92728851	-	-
250Gg09	327	92728852	-	-
250Gg10	328	92728853	-	-
250Gg11	329	92728854	-	-
250Gg12	330	92728855	-	-
250Gg13	331	92728856	-	-
250Gg14	332	92728857	-	-
180Fb02	333	92728859	-	-
180Fb03	334	92728860	-	-
180Fb04	335	92728861	-	-
180Fb05	336	92728862	-	-
180Fb07	337	92728863	-	-
180Fb08	338	92728864	-	-
180Fb10	339	92728865	342	92728978
180Fb11	340	92728866	343	92728979
180Fb12	341	92728867	344	92728980
180Fd14	-	-	345	92728868
225Gc04	346	92728869	-	-
225Gc05	347	92728870	-	-
225Gc06	348	92728871	-	-
225Gc07	349	92728872	-	-
225Gc08	350	92728873	-	-
225Gc09	351	92728874	-	-
225Gc10	352	92728875	-	-
225Gc11	353	92728876	-	-
225Gf12	354	92728877	-	-
225Gf14	355	92728878	-	-
225Gf16	356	92728879	-	-
225Gf17	357	92728880	-	-
225Gf18	358	92728881	-	-
225Gf19	359	92728882	-	-
225Gg05	360	92728883	-	-
225Gg06	361	92728884	-	-
225Gg08	362	92728885	-	-
225Gg09	363	92728886	-	-
225Gg10	364	92728887	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
225Gg11	365	92728898	-	-
225Gg12	366	92728899	-	-
225Gg13	367	92728900	-	-
250Gg15	368	92728901	-	-
280Hi09	369	92728902	-	-
280Hi10	370	92728903	-	-
280Hi11	371	92728904	-	-
280Hi13	372	92728905	-	-
280Hi14	373	92728906	-	-
280Hi15	374	92728907	-	-
280Hi16	375	92728908	-	-
280Hi17	376	92728909	-	-
280Hi18	377	92728910	-	-
280Hi19	378	92728911	-	-
280Hi20	379	92728912	-	-
200Fb10	380	92728913	-	-
200Fb11	381	92728914	-	-
200Fb12	382	92728916	-	-
200Fb14	383	92728917	-	-
200Fb16	384	92728918	-	-
200Fb17	385	92728919	-	-
250Gf05	386	92728921	-	-
250Gf06	387	92728922	-	-
250Gf08	388	92728923	-	-
250Gf09	389	92728924	-	-
250Gf10	390	92728925	-	-
250Gf11	391	92728926	-	-
250Gf12	392	92728927	-	-
250Gf13	393	92728928	-	-
280Hi12	394	92728929	-	-
315Hi11	395	92728930	-	-
315Hi13	396	92728931	625	93196963
315Hi14	397	92728932	626	93196964
315Hi15	398	92728933	627	93196965
315Hi16	399	92728934	628	93196966
315Hi17	400	92728935	629	93196967
315Hi18	401	92728936	630	93196968
315Hi19	402	92728937	631	93196969
315Hi20	403	92728938	632	93196970
280Hf06	404	92728939	-	-
280Hf08	405	92728940	-	-
280Hf09	406	92728941	-	-
280Hf10	407	92728942	-	-
280Hf11	408	92728943	-	-
280Hf12	409	92728944	-	-
280Hf13	410	92728945	-	-
280Hf14	411	92728946	-	-
280Hi08	412	92728947	-	-
280Li09	413	92728948	-	-
280Li10	414	92728949	-	-
280Li11	415	92728950	-	-
280Li12	416	92728951	-	-
280Li13	417	92728952	-	-

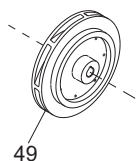
Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
280Li14	418	92728953	-	-
280Li15	419	92728954	-	-
280Li16	420	92728955	-	-
280Li17	421	92728956	-	-
280Li18	422	92728957	-	-
280Li19	423	92728958	-	-
315Lk13	424	92728959	-	-
315Lk14	425	92728960	-	-
315Lk16	426	92728961	-	-
315Lk17	427	92728962	-	-
315Lk18	428	92728963	-	-
315Lk19	429	92728964	-	-
315Lk20	430	92728965	-	-
315Lk22	431	92728966	-	-
450Mm14	432	92728967	-	-
450Mm16	433	92728968	-	-
450Mm17	434	92728969	-	-
450Mm18	435	92728970	-	-
450Mm19	436	92728971	-	-
450Mm20	437	92728972	-	-
450Mm22	438	92728973	-	-
132Ca10	439	92728974	-	-
280H09i	440	92837598	-	-
280H10i	441	92837599	-	-
280H11i	442	92837600	-	-
280H12i	443	92837601	-	-
280H13i	444	92837602	-	-
280H14i	445	92837603	-	-
280H15i	446	92837604	-	-
280H16i	447	92837605	-	-
280H17i	448	92837606	-	-
280H18i	449	92837607	-	-
280Lj10	450	92837609	-	-
280Lj11	451	92837610	-	-
280Lj13	452	92837611	-	-
280Lj14	453	92837612	-	-
280Lj15	454	92837613	-	-
280Lj16	455	92837614	-	-
280Lj17	456	92837615	-	-
350Mq11	457	92837616	-	-
350Mq13	458	92837617	-	-
350Mq14	459	92837618	-	-
350Mq15	460	92837619	-	-
350Mq16	461	92837620	-	-
350Mq17	462	92837621	-	-
350Mq18	463	92837622	-	-
350Mi09	464	92837623	476	92837636
350Mi10	465	92837624	477	92837637
350Mi11	466	92837625	478	92837638
350Mi13	467	92837626	479	92837639
350Mi14	468	92837627	480	92837640
350Mi15	469	92837628	481	92837641
350Mi16	470	92837629	482	92837642

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
350Mi17	471	92837630	483	92837643
350Mi18	472	92837631	484	92837644
350Mi19	473	92837633	485	92837645
350Mi20	474	92837634	486	92837646
350Mi22	475	92837635	487	92837647
400M13k	488	92837648	-	-
400M14k	489	92837649	-	-
400M16k	490	92837651	-	-
400M17k	491	92837652	-	-
400M18k	492	92837653	-	-
400M19k	493	92837654	-	-
400M20k	494	92837655	-	-
400M22k	495	92837656	-	-
400Mk17	496	92837657	-	-
400Mk18	497	92837658	-	-
400Mk19	498	92837659	-	-
400Mk20	499	92837660	-	-
400Mk22	500	92837661	-	-
400Mk24	501	92837662	-	-
400Mk25	502	92837663	-	-
400Ms10	503	92837664	-	-
400Ms11	504	92837665	-	-
400Ms13	505	92837666	-	-
400Ms14	506	92837667	-	-
400Ms15	507	92837668	-	-
400Ms16	508	92837669	-	-
400Ms17	509	92837670	-	-
400Ms18	510	92837671	-	-
400Ms19	511	92837672	-	-
450Mn11	512	92837673	-	-
450Mn13	513	92837674	-	-
450Mn14	514	92837675	-	-
450Mn15	515	92837676	-	-
450Mn16	516	92837677	-	-
450Mn17	517	92837678	-	-
450Mn18	518	92837679	-	-
450Mn19	519	92837680	-	-
450Mn20	520	92837681	-	-
450Mn22	521	92837682	-	-
510N11p	522	92837683	-	-
510N13p	523	92837684	-	-
510N14p	524	92837685	-	-
510N16p	525	92837686	-	-
510N17p	526	92837687	-	-
510N18p	527	92837688	-	-
510N19p	528	92837689	-	-
510N20p	529	92837690	-	-
510N22p	530	92837691	-	-
510Np13	531	92837692	-	-
510Np14	532	92837693	-	-
510Np16	533	92837694	533	92837694
510Np17	534	92837695	534	92837695
510Np18	535	92837696	535	92837696

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
510Np19	536	92837697	536	92837697
510Np20	537	92837698	537	92837698
510Np22	538	92837699	538	92837699
450Ms16	546	92837700	-	-
450Ms17	547	92837701	-	-
450Ms18	548	92837702	548	92837702
450Ms19	549	92837703	549	92837703
450Ms20	550	92837704	550	92837704
450Ms22	551	92837705	551	92837705
450Ms24	-	-	556	92837706
450Kr19	557	92837707	-	-
450Kr20	558	92837708	-	-
450Kr22	559	92837709	559	92837709
450Kr24	560	92837710	560	92837710
450Kr25	-	-	563	92837711
560JI16	564	92837712	-	-
560JI17	565	92837713	-	-
560JI18	566	92837714	566	92837714
560JI19	567	92837715	567	92837715
560JI20	568	92837716	568	92837716
560JI22	569	92837717	569	92837717
160Ca05	580	93018583	-	-
112Ba04	581	93018585	-	-
200Fg12	586	93196778	-	-
200Gg12	-	-	585	93196776
225Gc12	-	-	583	93196772
560JI24	-	-	574	92837718
280Hg09	589	93193865	-	-
280Hg10	590	93193866	-	-
280Hg11	591	93193867	-	-
280Hg12	592	93193868	-	-
280Hg13	593	93193869	-	-
280Hg14	594	93193870	-	-
315Hv11	595	93193871	-	-
315Hv13	596	93193872	-	-
315Hv14	597	93193873	-	-
315Hv15	598	93193874	-	-
315Hv16	599	93193875	-	-
315Hv17	600	93193876	-	-
315Hv18	601	93193877	-	-
315Hv19	602	93193878	-	-
315Hv20	603	93193879	-	-
315Lw14	604	93193880	-	-
315Lw16	605	93193881	-	-
315Lw17	606	93193882	-	-
315Lw18	607	93193883	-	-
315Lw19	608	93193884	-	-
315Lw20	609	93193885	-	-
315Lw22	610	93193886	-	-
180Et02	611	93193887	-	-
180Et03	612	93193888	-	-
180Et04	613	93193889	-	-
180Et05	614	93193890	-	-

Base frame code	Pump versions			
	A1, I1, Y1		G1, H1, W1	
	BF code	Spare PN	BF code	Spare PN
180Eu08	615	93193891	-	-
180Eu10	616	93193892	-	-
180Eu11	617	93193893	-	-
180Eu12	618	93193894	-	-
160Cb11	619	93193895	-	-
315Hi10	620	93202037	-	-
315Hv22	621	93196971	-	-
280Hg15	622	93196972	-	-
280Hg16	623	93196973	-	-
315Lw23	624	93196974	-	-
160Cb12	625	93197185	-	-
160Cb14	626	93197186	-	-
160Ca07	627	93197187	-	-
180Eu14	628	93197188	-	-
180Eu16	629	93197189	-	-
180Et07	630	93197190	-	-
180Et08	631	93197191	-	-
315Lx13	649	93342314	-	-
315Lx14	650	93342315	-	-
315Lx16	651	93342316	-	-
315Lx17	652	93342317	-	-
315Lx18	653	93342318	-	-
315Lx19	654	93342319	-	-
315Lx20	655	93455183	-	-
315Lx22	657	93455185	-	-
280Pi09	658	93455192	-	-
280Pi10	659	93455193	-	-
280Pi11	660	93455194	665	93455214
280Pi13	661	93455195	666	93455215
280Pi14	662	93455196	667	93455216
280Pi15	663	93455197	668	93455217
280Pi16	664	93455198	669	93455218
280Pi17	-	-	670	93455219
280Pi18	-	-	671	93455221
180Ey02	683	93455280	-	-
180Ey03	684	93455281	-	-
180Ey04	685	93455282	-	-
180Ey05	673	93455242	-	-
180Ey06	686	93455283	-	-
180Ey07	674	93455243	-	-
180Ey08	675	93455244	-	-
180Ey09	676	93455253	-	-
180Ey10	677	93455254	-	-
180Ey11	-	-	678	93455262
180Ey12	-	-	679	93455263
180Ey14	-	-	680	93455265
180Ey16	-	-	681	93455274
180Ey17	-	-	682	93455275

Spare - Impeller



TM078777

Spare - Impeller

49: Impeller

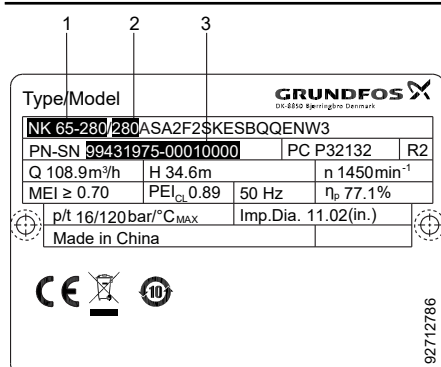
IMPORTANT! When ordering a spare impeller and the required trim falls between one of those mentioned in the overview, please inform Grundfos about the following nameplate data:

- pump type and size (pos.1)
- actual impeller trim, as indicated after the pump size (pos.2)
- product number and production serial number (PN-SN) (pos.3).

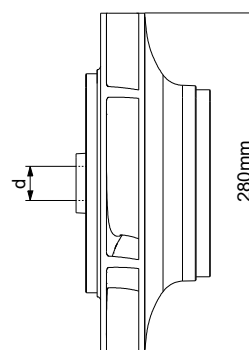
See the nameplate and impeller examples below.

This enables Grundfos to produce an exact match of the installed impeller.

Cylindrical trim impeller

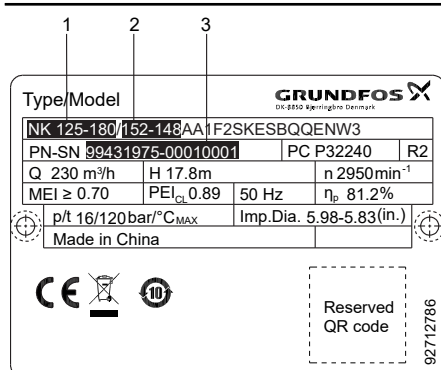


TM083011

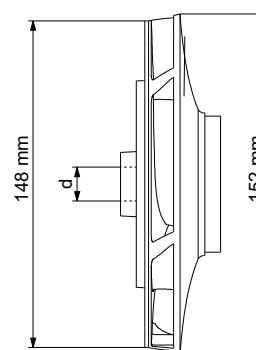


TM083028

Angle trim impeller



TM083030



TM083029

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
32-130	2	50	-	60	1.5	105	92995132	92995408	92995684	15
		50	1.1	60	-	111	92995133	92995409	92995685	15
		50	-	60	2.2	115	92995134	92995410	92995686	15
		50	1.5	60	-	121	92995135	92995411	92995687	15
		50	-	60	3	126	92995136	92995412	92995688	15
		50	2.2	60	-	135	92995139	92995415	92995691	15
		50	-	60	4	137	92995140	92995416	92995692	15
		50	3	60	5.5	142	92995141	92995417	92995693	15
	4	50	-	60	0.25	121	92995135	92995411	92995687	15
		50	0.25	60	-	133	92995137	92995413	92995689	15
		50	-	60	0.37	134	92995138	92995414	92995690	15
		50	0.37	60	0.55	142	92995141	92995417	92995693	15
32-130.1	2	50	-	60	1.1	96	92995142	92995418	92995694	15
		50	0.75	60	-	100	92995143	92995419	92995695	15
		50	-	60	1.5	108	92995144	92995420	92995696	15
		50	1.1	60	-	114	92995145	92995421	92995697	15
		50	-	60	2.2	119	92995146	92995422	92995698	15
		50	1.5	60	-	124	92995147	92995423	92995699	15
		50	-	60	3	128	92995149	92995425	92995701	15
		50	2.2	60	-	140	92995152	92995428	92995704	15
		50	-	60	4	142	92995153	92995429	92995706	15
		50	3	60	5.5	144	92995154	92995440	92995707	15
	4	50	-	60	0.25	-350	92995148	92995424	92995700	15
		50	0.25	50	-	135	92995150	92995426	92995702	15
		50	-	60	0.37	139	92995151	92995427	92995703	15
		50	0.37	60	0.55	144	92995154	92995440	92995707	15
32-165.1	2	50	-	60	2.2	137	92995155	92995441	92995708	22
		50	1.5	60	-	141	92995156	92995442	92995709	22
		50	-	60	3	146	92995157	92995443	92995710	22
		50	2.2	60	-	156	92995159	92995445	92995712	22
		50	-	60	4	158	92995160	92995446	92995713	22
		50	3	60	-	168	92995163	92995449	92995716	22
		60	5.5	60	5.5	171	92995164	92995450	92995717	22
		50	4	60	7.5	177	92995165	92995451	92995718	22
	4	50	0.25	60	-	151	92995158	92995444	92995711	15
		50	-	60	0.37	151	92995158	92995444	92995711	15
		50	-	60	0.55	164	92995161	92995447	92995714	15
		50	0.37	60	-	167	92995162	92995448	92995715	15
		50	0.55	60	0.75	177	92999213	92999221	92999229	15
		50	0.55	60	0.75	177	92999213	92999221	92999229	15

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]	
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB		
							Impeller material				
							304 (1.4308)	316 (1.4408)	904 (1.4517)		
32-180	2	50	1.5	60	-	123	92745124	92745513	92745894	15	
		50	-	60	2.2	118	92745123	92745512	92745893	15	
		50	-	60	3	128	92745122	92745511	92745892	15	
		50	-	60	4	142	92745121	92745510	92745891	15	
		50	-	60	5.5	154	92745120	92745509	92745890	15	
		50	2.2	60	-	140	92745099	92745508	92745889	15	
		50	3	60	-	152	92745098	92745507	92745888	15	
		50	4	60	-	166	92745097	92745506	92745887	15	
		50	-	60	7.5	169	93091568	93091569	93091570	15	
		50	5.5	60	11	177	92526547	92526564	92553810	15	
	4	50	0.25	60	-	138	92745129	92745517	92745898	15	
		50	-	60	0.37	137	92745128	92745516	92745897	15	
		50	0.37	60	-	159	92745126	92745515	92745896	15	
		50	0.55	60	-	174	92745125	92745514	92745895	15	
		50	-	60	0.55	145	92526560	92526567	92553813	15	
		50	-	60	0.75	155	92526549	92526566	92553812	15	
		50	0.75	60	1.1	177	92526547	92526564	92553810	15	
		32-205.1	50	-	60	4	162	92995169	92995452	92995719	22
			50	3	60	-	176	92995169	92995455	92995722	22
			50	-	60	5.5	179	92995170	92995456	92995723	22
50	4		60	-	189	92995172	92995458	92995725	22		
50	-		60	7.5	193	92995174	92995460	92995727	22		
50	5.5		60	-	205	92995176	92995462	92995729	22		
50	7.5		60	11	207	92995177	92995463	92995730	22		
4	50		-	60	0.55	165	92995167	92995453	92995720	15	
	50		0.37	60	-	174	92995168	92995454	92995721	15	
	50		-	60	0.75	184	92995171	92995457	92995724	15	
	50	0.55	60	-	192	92995173	92995459	92995726	15		
	50	-	60	1.1	203	92995175	92995461	92995728	15		
	50	0.75	60	1.5	207	92999212	92999220	92999228	15		
40-130	2	50	1.5	60	-	108	92995192	92995478	92995756	22	
		50	-	60	3	113	92995193	92995479	92995757	22	
		50	2.2	60	-	122	92995195	92995481	92995760	22	
		50	-	60	4	123	92995196	92995482	92995761	22	
		50	3	60	-	131	92995198	92995484	92995763	22	
		50	-	60	5.5	132	92995199	92995485	92995764	22	
		50	4	60	-	140	92995202	92995488	92995767	22	
		50	5.5	60	7.5	142	92995203	92995489	92995769	22	
	4	50	-	60	0.37	119	92995194	92995480	92995759	15	
		50	0.25	60	-	122	92998209	92999217	92999225	15	
		50	-	60	0.55	130	92995197	92995483	92995762	15	
		50	0.37	60	-	135	92995200	92995486	92995765	15	
		50	-	60	0.75	138	92995201	92995487	92995766	15	
		50	0.55	60	1.1	142	92998208	92999216	92999224	15	

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
40-180	2	50	2.2	60	-	112	92745135	92745523	92745904	22
		50	-	60	4	116	92745134	92745522	92745903	22
		50	3	60	-	125	92745133	92745521	92745902	22
		-	3 ¹⁰⁾	-	-	154	93048455	93048456	93048457	22
		50	4	60	-	140	92745132	92745520	92745901	22
		50	5.5	60	-	155	92745131	92745519	92745900	22
		50	7.5	60	-	173	92745130	92745518	92745899	22
		50	-	60	5.5	128	92526576	92526587	92553820	22
		50	-	60	7.5	142	92526574	92526586	92553819	22
		50	-	60	11	160	92526573	92526585	92553818	22
		50	11	60	15	176	92526572	92526584	92553817	22
	4	50	0.55	60	-	145	92745138	92745526	92745907	15
		50	0.75	60	-	162	92745137	92745525	92745906	15
		50	-	60	1.5	165	92745136	92745524	92745905	15
		50	-	60	0.55	118	92526582	92526594	92553826	15
		50	0.37	60	0.75	130	92526581	92526593	92553825	15
		50	-	60	1.1	150	92526580	92526592	92553824	15
		50	-	60	-	166	92526579	92526591	92553823	15
		50	1.1	60	2.2	176	92526578	92526590	92553822	15
		40-190	2	50	7.5	-	-	151	93260817	93260825
50	11			-	-	169	93260816	93260824	93260832	22
50	15			-	-	191	93260815	93260823	93260831	22
50	18.5			-	-	206	93260814	93260822	93260830	22
-	-			60	15	160	93197328	93197335	93197342	22
-	-			60	18.5	171	93197327	93197334	93197341	22
-	-			60	22	182	93197326	93197333	93197340	22
-	-			60	30	206	93197325	93197332	93197339	22
4	50		0.75	-	-	147	93260821	93260829	93260837	15
	50		1.1	-	-	163	93260820	93260828	93260836	15
	50		1.5	-	-	180	93260819	93260827	93260835	15
	-		-	60	1.5	152	93197331	93197338	93197345	15
	-		-	60	2.2	168	93197330	93197337	93197344	15
	-		-	60	3	189	93197329	93197336	93197343	15
	50		2.2	60	4	206	93260818	93260826	93260834	15

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]		
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB			
							Impeller material					
							304 (1.4308)	316 (1.4408)	904 (1.4517)			
40-220	2	50	5.5	60	-	172	92745143	92745531	92745912	22		
		50	-	60	11	182	92745142	92745530	92745911	22		
		50	7.5	60	-	192	92745141	92745529	92745910	22		
		50	11	60	-	212	92745140	92745528	92745909	22		
		50	15	60	-	244	92745139	92745527	92745908	22		
		50	-	60	15	198	92526599	92526610	92553830	22		
		50	-	60	18.5	210	92526598	92526609	92553829	22		
		50	-	60	22	224	92526597	92526608	92553828	22		
		50	18.5	60	30	250	92526596	92526606	92553827	22		
	4	50	0.55	60	-	167	92745150	92745537	92745918	22		
		50	-	60	1.1	169	92745149	92745536	92745917	22		
		50	0.75	60	-	179	92745148	92745535	92745916	22		
		50	1.1	60	-	200	92745147	92745534	92745915	22		
		50	1.5	60	-	218	92745146	92745533	92745914	22		
		50	-	60	3	239	92745145	92745532	92745913	22		
		50	-	60	1.5	184	92526604	92526614	92553834	22		
		50	-	60	2.2	206	92526603	92526613	92553833	22		
		50	2.2	60	4	250	92526602	92526612	92553832	22		
		40-225	2	50	5.5	60	-	158	92745157	92745544	92745925	22
				50	7.5	60	-	173	92745156	92745543	92745924	22
50	-			60	15	177	92745155	92745542	92745923	22		
50	11			60	-	192	92745154	92745541	92745922	22		
50	-			60	22	199	92745153	92745540	92745921	22		
50	15			60	-	210	92745152	92745539	92745920	22		
50	18.5			60	-	230	92745151	92745538	92745919	22		
50	-			60	11	164	92526621	92526631	92553841	22		
50	-			60	18.5	190	92526619	92526629	92553839	22		
50	-			60	30	224	92526617	92526627	92553837	22		
50	22			60	37	246	92526616	92526626	92553836	22		
4	50		0.75	60	-	162	92745163	92745550	92745931	22		
	50		1.1	60	-	182	92745162	92745549	92745930	22		
	50		1.5	60	-	199	92745161	92745548	92745929	22		
	50		-	60	3	212	92745160	92745547	92745928	22		
	50		2.2	60	-	226	92745159	92745546	92745927	22		
	50		-	60	4	229	92745158	92745545	92745926	22		
	50		-	60	1.5	166	92526625	92526635	92553845	22		
	50		-	60	2.2	186	92526624	92526634	92553844	22		
	50		3	60	5.5	250	92526622	92526632	92553842	22		

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
50-130	2	50	-	60	4	106	92995204	92995490	92995770	22
		50	3	60	-	113	92995206	92995492	92995772	22
		50	-	60	5.5	114	92995207	92995493	92995773	22
		50	4	60	-	124	92995209	92995495	92995775	22
		50	-	60	7.5	125	92995210	92995496	92995776	22
		50	5.5	60	-	135	92995213	92995499	92995779	22
		50	-	60	11	140	92995215	92995501	92995781	22
		50	7.5	60	15	142	92995216	92995502	92995782	22
	4	50	-	60	0.55	110	92995205	92995491	92995771	15
		50	0.37	60	-	113	92999211	92999219	92999227	15
		50	-	60	0.75	120	92995208	92995494	92995774	15
		50	0.55	60	-	129	92995211	92995497	92995777	15
		50	-	60	1.1	134	92995212	92995498	92995778	15
		50	0.75	60	-	138	92995214	92995500	92995780	15
		50	1.1	60	1.5	142	92999210	92999218	92999226	15
50-220	2	50	5.5	-	-	147	93260843	93260855	93260866	30
		50	7.5	-	-	162	93260842	93260854	93260865	30
		50	11	-	-	181	93260841	93260853	93260864	30
		50	15	-	-	199	93260840	93260852	93260863	30
		50	18.5	-	-	211	93260839	93260851	93260862	30
		50	22	-	-	221	93260838	93260849	93260861	30
		-	-	60	11	153	93197352	93197363	93197374	30
		-	-	60	15	169	93197351	93197362	93197373	30
		-	-	60	18.5	180	93197350	93197361	93197372	30
		-	-	60	22	189	93197349	93197360	93197371	30
		-	-	60	30	205	93197348	93197359	93197370	30
		-	-	60	37	217	93197347	93197358	93197369	30
	-	-	60	45	221	93197346	93197357	93197368	30	
	4	50	0.75	-	-	147	93260848	93260860	93260871	22
		50	1.1	-	-	171	93260847	93260859	93260870	22
		50	1.5	-	-	187	93260846	93260858	93260869	22
		50	2.2	-	-	210	93260845	93260857	93260868	22
		-	-	60	1.5	153	93197356	93197367	93197378	22
		-	-	60	2.2	177	93197355	93197366	93197377	22
		-	-	60	3	194	93197354	93197365	93197376	22
		-	-	60	4	212	93197353	93197364	93197375	22
	50	3	60	5.5	221	93260844	93260856	93260867	22	

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
50-225	2	50	5.5	60	-	139	92745171	92745558	92745939	30
		50	7.5	60	-	151	92843505	92843509	92843643	30
		50	-	60	11	145	92745170	92745557	92745938	30
		50	-	60	15	159	92745169	92745556	92745937	30
		50	-	60	18.5	171	92745168	92745555	92745936	30
		50	-	60	22	181	92745167	92745554	92745935	30
		50	15	60	-	193	92745166	92745553	92745934	30
		50	18.5	60	-	208	92745165	92745552	92745933	30
		50	22	60	-	225	92745164	92745551	92745932	30
		50	11	60	-	172	92526641	92526653	92553851	30
		50	-	60	30	204	92526639	92526651	92553849	30
		50	-	60	37	220	92843506	92843640	92843644	30
		50	30	60	45	240	92526636	92526648	92553846	30
	4	50	0.75	60	-	144	92745178	92745565	92745946	22
		-	0.75 ¹⁰⁾	-	-	189	93048476	93048477	93048478	22
		50	1.1	60	-	160	92745177	92745564	92745945	22
		-	1.1 ¹⁰⁾	-	-	227	93048473	93048474	93048475	22
		50	1.5	60	-	181	92745176	92745563	92745944	22
		50	-	60	3	184	92745175	92745562	92745943	22
		50	2.2	60	-	207	92745174	92745561	92745942	22
		50	-	60	4	210	92745173	92745560	92745941	22
		50	3	60	-	237	92745172	92745559	92745940	22
		50	-	60	1.5	148	92526647	92526659	92553857	22
		50	-	60	2.2	168	92526646	92526658	92553856	22
		50	4	60	5.5	240	92526644	92526656	92553854	22
50-280	2	50	-	60	22	189	92995218	92995504	92995784	30
		50	15	60	-	197	92995219	92995505	92995785	30
		50	-	60	30	206	92995220	92995506	92995786	30
		50	18.5	60	-	209	92995221	92995507	92995787	30
		50	22	60	-	219	92995222	92995508	92995788	30
		50	-	60	37	219	92995222	92995508	92995788	30
		50	-	60	45	232	92995223	92995509	92995789	30
		50	30	60	-	239	92995224	92995510	92995790	30
		50	-	60	55	251	92995225	92995511	92995791	30
		50	37	60	75	262	92995217	92995503	92995783	30
	4	50	2.2	60	-	208	92745183	92745570	92745951	22
		-	2.2 ¹⁰⁾	-	-	241	93048458	93048459	93048460	22
		50	-	60	4	210	92745182	92745569	92745950	22
		50	3	60	-	226	92745181	92745568	92745949	22
		50	-	60	5.5	227	92745180	92745567	92745948	22
		50	4	60	-	250	92745179	92745566	92745947	22
		50	-	60	7.5	252	92526661	92526665	92553859	22
		50	5.5	60	11	262	92526660	92526664	92553858	22
50-350	4	50	4	60	-	256	92745188	92745575	92745956	30
		50	5.5	60	-	278	92745187	92745574	92745955	30
		50	-	60	11	288	92745186	92745573	92745954	30
		50	7.5	60	-	304	92745185	92745572	92745953	30
		50	-	60	15	317	92745184	92745571	92745952	30
		50	3	60	5.5	236	92526672	92526677	92553888	30
		50	-	60	7.5	258	92526671	92526676	92553887	30
		50	11	60	18.5	340-336	92526668	92526673	92553884	30

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
65-130	2	50	4	60	-	117-107	92995226	92995512	92995792	22
		50	-	60	7.5	118-108	92995227	92995513	92995793	22
		50	5.5	60	-	124	92995230	92995516	92995796	22
		50	-	60	11	130	92995232	92995518	92995798	22
		50	7.5	60	-	136	92995234	92995520	92995800	22
		50	-	60	15	141	92999214	92999222	92999230	22
		50	11	60	18.5	144	92995236	92995522	92995802	22
	4	50	0.55	60	-	119	92995228	92995514	92995794	15
		-	0.55 ¹⁰⁾	-	-	131	93048488	93048489	93048490	15
		50	-	60	1.1	122	92995229	92995515	92995795	15
		50	0.75	60	-	128	92995231	92995517	92995797	15
		-	0.75 ¹⁰⁾	-	-	133	93048491	93048492	93048493	15
		50	-	60	1.5	132	92995233	92995519	92995799	15
		50	1.1	60	-	141	92995235	92995521	92995801	15
		50	-	60	2.2	144	92999215	92999223	92999231	15
65-180	2	50	3	60	-	113	92745194	92745581	92745962	22
		50	4	60	-	124	92745193	92745580	92745961	22
		-	4 ¹⁰⁾	-	-	145	93048461	93048462	93048463	22
		50	5.5	60	-	139	92745192	92745579	92745960	22
		50	7.5	60	-	154	92745191	92745578	92745959	22
		50	-	60	15	159	92745190	92745577	92745958	22
		50	11	60	18.5	169	92745189	92745576	92745957	22
	4	50	-	60	5.5	116	92526683	92526694	92553895	22
		50	-	60	7.5	126	92526682	92526693	92553893	22
		50	-	60	11	144	92526681	92526692	92553892	22
		50	15	60	22	172	92526678	92526689	92553889	22
		50	0.55	60	-	131	92745200	92745587	92745968	15
		-	0.55 ¹⁰⁾	-	-	141	93048464	93048465	93048466	15
		50	-	60	1.1	133	92745199	92745586	92745967	15
		50	0.75	60	-	145	92745198	92745585	92745966	15
	50	-	60	1.5	149	92745197	92745584	92745965	15	
	50	1.1	60	-	162	92745196	92745583	92745964	15	
	50	-	60	2.2	166	92745195	92745582	92745963	15	
	50	-	60	0.75	118	92526688	92526699	92553900	15	
	50	1.5	60	3	172	92526684	92526695	92553896	15	

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
65-225	2	50	11	60	-	150	92745209	92745596	92745977	30
		50	-	60	22	161	92745208	92745595	92745976	30
		50	15	60	-	167	92745207	92745594	92745975	30
		50	-	60	30	181	92745206	92745593	92745974	30
		50	18.5	60	-	184	92745205	92745592	92745973	30
		50	-	60	37	199	92745204	92745591	92745972	30
		50	22	60	-	200	92745203	92745590	92745971	30
		50	-	60	45	216	92745202	92745589	92745970	30
		50	30	60	-	232	92745201	92745588	92745969	30
		50	-	60	18.5	152	92526706	92526720	92553907	30
		50	37	60	55	242	92526700	92526714	92553901	30
	4	50	1.1	60	-	144	92745215	92745602	92745983	22
		50	1.5	60	-	158	92745214	92745601	92745982	22
		50	-	60	3	173	92745213	92745600	92745981	22
		50	2.2	60	-	183	92745212	92745599	92745980	22
		-	2.2 ¹⁰⁾	-	-	234	93048482	93048483	93048484	22
		50	-	60	4	186	92745211	92745598	92745979	22
		50	3	60	-	211	92745210	92745597	92745978	22
		50	-	60	2.2	152	92526710	92526724	92553911	22
		50	-	60	5.5	214	92526708	92526722	92553909	22
		50	4	60	7.5	242	92526707	92526721	92553908	22
	6	50	-	60	1.1	181	92745218	92745606	92745986	22
		50	0.75	60	-	193	92745217	92745605	92745985	22
		50	1.1	60	-	240	92745216	92745603	92745984	22
		50	-	60	0.75	154	92526713	92526727	92553914	22
		50	0.55	60	-	182	92526709	92526723	92553910	22
		50	-	60	1.5	208	92526711	92526725	92553912	22
		50	-	60	2.2	242	92526707	92526721	92553908	22
		50	-	60	1.1	181	92745218	92745606	92745986	22
65-280	4	50	3	60	-	217	92745221	92745609	92745989	30
		50	-	60	5.5	219	92745220	92745608	92745988	30
		50	5.5	60	-	270	92745219	92745607	92745987	30
		50	4	60	7.5	240	92526729	92526734	92553916	30
		50	7.5	60	11	280	92526728	92526733	92553915	30
	6	50	0.75	60	-	210	92745226	92745614	92745994	30
		50	1.1	60	-	237	92745225	92745613	92745993	30
		50	-	60	2.2	242	92745224	92745612	92745992	30
		50	1.5	60	-	258	92745223	92745611	92745991	30
		50	-	60	3	276	92745222	92745610	92745990	30
		50	-	60	1.5	214	92526732	92526737	92553919	30
		50	2.2	60	4	280	92526728	92526733	92553915	30

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
80-180	2	50	4	60	-	112	92745233	92745621	92746001	22
		50	5.5	60	-	123	92745232	92745620	92746000	22
		50	7.5	60	-	137	92745231	92745619	92745999	22
		50	-	60	15	141	92745230	92745618	92745998	22
		50	-	60	18.5	151	92745229	92745617	92745997	22
		50	11	60	-	153	92745228	92745616	92745996	22
		50	15	60	-	172	92745227	92745615	92745995	22
		50	-	60	11	128	92526742	92526751	92553925	22
		50	-	60	22	160	92526739	92526748	92553921	22
		50	18.5	60	30	174	92526738	92526747	92553920	22
		50	0.75	60	-	128	92745238	92745626	92746006	15
		-	0.75 ¹⁰⁾	-	-	149	93048479	93048480	93048481	15
	4	50	-	60	1.5	131	92745237	92745625	92746005	15
		50	1.1	60	-	145	92745236	92745624	92746004	15
		50	1.5	60	-	165	92745235	92745623	92746003	15
		50	-	60	3	170	92745234	92745622	92746002	15
		50	-	60	1.1	120	92526746	92526755	92553929	15
		50	-	60	2.2	148	92526744	92526753	92553927	15
		50	2.2	60	4	174	92526743	92526752	92553926	15
		50	-	60	30	154	92745247	92745635	92746015	30
		50	18.5	60	-	157	92745246	92745634	92746014	30
		50	-	60	37	164	92745245	92745633	92746013	30
		50	22	60	-	166	92745244	92745632	92746012	30
		50	-	60	45	174	92745243	92745631	92746011	30
		50	30	60	-	183	92745242	92745630	92746010	30
		50	-	60	55	186	92745241	92745629	92746009	30
		50	37	60	-	193	92745240	92745628	92746008	30
50	-	60	75	203	92745239	92745627	92746007	30		
50	45	60	-	205	92526757	92526769	92553931	30		
50	55	60	90	225	92526756	92526768	92553930	30		
80-225	4	50	1.5	60	-	139	92843507	92843641	92843645	22
		50	2.2	60	-	156	92745251	92745639	92746019	22
		50	-	60	4	157	92745250	92745638	92746018	22
		50	4	60	-	190	92745249	92745637	92746017	22
		50	5.5	60	-	205	92745248	92745636	92746016	22
		50	3	60	5.5	171	92526764	92526776	92553938	22
		50	-	60	7.5	191	92526763	92526775	92553937	22
		50	7.5	60	11	225	92526762	92526774	92553936	22
		50	-	60	1.1	152	92745256	92745644	92746024	22
		50	0.75	60	-	165	92745255	92745643	92746023	22
		50	1.1	60	-	187	92745254	92745642	92746022	22
		50	1.5	60	-	202	92745253	92745641	92746021	22
	6	50	-	60	3	215	92745252	92745640	92746020	22
		50	-	60	1.5	167	92526766	92526778	92553940	22
		50	-	60	2.2	191	92526763	92526775	92553937	22
50	2.2	60	-	225	92526762	92526774	92553936	22		

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
80-280	4	50	-	60	11	247-239	92745260	92745648	92746028	30
		50	4	60	-	214-206	92745259	92745647	92746027	30
		50	5.5	60	-	231-223	92745258	92745646	92746026	30
		50	7.5	60	-	257-249	92745257	92745645	92746025	30
		50	-	60	7.5	216-208	92526782	92526787	92553944	30
		50	11	60	15	278-270	92526780	92526785	92553942	30
	6	50	1.1	60	-	207-199	92745266	92745654	92746086	30
		50	-	60	2.2	216-208	92526782	92526787	92553944	30
		50	1.5	60	-	226-218	92745264	92745652	92746084	30
		50	-	60	3	235-227	92745263	92745651	92746083	30
		50	2.2	60	-	267-259	92745262	92745650	92746082	30
		50	-	60	4	273-265	92745261	92745649	92746081	30
		50	3	60	5.5	278-270	92526780	92526785	92553942	30
80-350	4	50	5.5	60	-	219	92745273	92745661	92746103	30
		50	7.5	60	-	243	92745272	92745660	92746102	30
		50	-	60	15	250	92745271	92745659	92746101	30
		50	-	60	18.5	268	92526806	92526813	92553953	30
		50	11	60	-	271	92745269	92745657	92746089	30
		50	-	60	22	284	92745268	92745656	92746088	30
		50	15	60	-	299	92745267	92745655	92746087	30
		50	-	60	11	228	92526804	92526811	92553951	30
	50	18.5	60	30	328	92526800	92526807	92553947	30	
	6	50	2.2	60	-	240	92745278	92745666	92746108	30
		50	-	60	4	242	92745277	92745665	92746107	30
		50	3	60	-	264	92745276	92745664	92746106	30
		50	4	60	-	293	92745275	92745663	92746105	30
50		-	60	7.5	297	92745274	92745662	92746104	30	
50		-	60	5.5	268	92526806	92526813	92553953	30	
50		5.5	60	11	328	92526800	92526807	92553947	30	

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]	
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB		
							Impeller material				
							304 (1.4308)	316 (1.4408)	904 (1.4517)		
100-180	2	50	7.5	60	-	130-122	92745283	92745671	92746113	22	
		50	11	60	-	141	92745282	92745670	92746112	22	
		50	15	60	-	153	92745281	92745669	92746111	22	
		50	-	60	30	159	92745280	92745668	92746110	22	
		50	18.5	60	-	167	92745279	92745667	92746109	22	
		50	-	60	15	138-122	92526819	92526831	92553958	22	
		50	-	60	18.5	140	92526818	92526830	92553957	22	
		50	-	60	22	146	92526817	92526829	92553956	22	
		50	22	60	37	172	92526814	92526827	92553954	22	
	4	50	1.1	60	-	138-130	92745289	92745677	92746119	22	
		-	1.1 ¹⁰⁾	-	-	144	93048485	93048486	93048487	22	
		50	-	60	2.2	138	92526822	92526834	92553961	22	
		50	1.5	60	-	146	92745287	92745675	92746117	22	
		-	1.5 ¹⁰⁾	-	-	160	92526821	92526833	92553960	22	
		50	-	60	3	152	92745286	92745674	92746116	22	
		50	2.2	60	-	161	92745285	92745673	92746115	22	
		50	-	60	4	163	92745284	92745672	92746114	22	
		50	-	60	1.5	130-110	92526823	92526835	92553962	22	
		50	3	60	5.5	174	92526820	92526832	92553959	22	
		6	50	-	60	0.75	139	92745292	92745680	92746122	22
			50	0.55	60	-	159	92745291	92745679	92746121	22
			50	0.75	60	-	173	92745290	92745678	92746120	22
			50	-	60	0.55	130-122	92526826	92526838	92553965	22
			50	0.37	60	-	140	92526825	92526837	92553964	22
			50	-	60	1.1	156	92526824	92526836	92553963	22
			50	1.1	60	1.5	174	92526820	92526832	92553959	22
50	22		-	-	163	93202098	93202109	93202120	30		
2	50	30	-	-	176	93202097	93202108	93202119	30		
	50	37	-	-	188	93202096	93202107	93202118	30		
	50	45	-	-	199	93202095	93202106	93202117	30		
	50	55	-	-	212	93202094	93202105	93202116	30		
	-	-	60	45	169	93197202	93197210	93197218	30		
	-	-	60	55	178	93197201	93197209	93197217	30		
	-	-	60	75	198	93197200	93197208	93197216	30		
	-	-	60	90	208	93197199	93197207	93197215	30		
	4	50	3	-	-	168	93202102	93202113	93202125	22	
50		4	-	-	182	93202101	93202112	93202124	22		
50		5.5	-	-	199	93202100	93202111	93202123	22		
-		-	60	5.5	169	93197382	93197384	93197386	22		
-		-	60	7.5	185	93197204	93197212	93197220	22		
-		-	60	11	208	93197381	93197383	93197385	22		
50		7.5	60	15	222	93202099	93202110	93202122	22		
6		50	1.1	-	-	177	93202104	93202115	93202127	22	
		50	1.5	-	-	195	93202103	93202114	93202126	22	
		-	-	60	2.2	191	93197206	93197214	93197222	22	
	-	-	60	3	208	93197381	93197383	93197385	22		
	50	2.2	60	4	222	93202099	93202110	93202122	22		

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
100-225	2	50	22	60	-	156	92745311	92745689	92746131	30
		50	-	60	45	163	92745310	92745688	92746130	30
		50	30	60	-	172	92745299	92745687	92746129	30
		50	-	60	55	175	92745298	92745686	92746128	30
		50	37	60	-	185	92745297	92745685	92746127	30
		50	-	60	75	195	92745296	92745684	92746126	30
		50	45	60	-	197	92745295	92745683	92746125	30
		50	55	60	-	215	92745294	92745682	92746124	30
		50	75	60	-	238	92745293	92745681	92746123	30
		50	-	60	90	212	92526839	92526849	92553966	30
	4	50	4	60	7.5	181	92843508	92843642	92843646	22
		50	-	60	5.5	161	92745316	92745694	92746136	22
		50	-	60	-	191	92745315	92745693	92746135	22
		50	5.5	60	-	204	92745314	92745692	92746134	22
		50	-	60	11	210	92745313	92745691	92746133	22
		50	7.5	60	-	235	92745312	92745690	92746132	22
		50	3	60	-	162	92526846	92526866	92553983	22
		50	-	60	15	238	92526843	92526863	92553980	22
		50	-	60	1.5	158	92745321	92745699	92746141	22
		50	1.1	60	-	177	92745320	92745698	92746140	22
	6	50	1.5	60	-	198	92745319	92745697	92746139	22
		50	-	60	3	210	92745313	92745691	92746133	22
		50	2.2	60	-	236	92745317	92745695	92746137	22
		50	-	60	2.2	180	92526845	92526865	92553982	22
		50	3	60	4	238	92526843	92526863	92553980	22
		50	5.5	60	-	196	92745325	92745703	92746145	30
100-280	4	50	-	60	11	204	92745324	92745702	92746144	30
		50	7.5	60	-	215	92745323	92745701	92746143	30
		50	-	60	18.5	238	92526873	92526880	92553990	30
		50	-	60	15	222	92526871	92526878	92553988	30
		50	11	60	-	240	92526870	92526877	92553987	30
		50	15	60	22	256	92526869	92526876	92553986	30
		50	-	60	2.2	181	92745332	92745710	92746152	30
	6	50	1.5	60	-	194	92745331	92745709	92746151	30
		50	-	60	3	200	92745330	92745708	92746150	30
		50	-	60	4	217	92745329	92745707	92746149	30
		50	2.2	60	-	218	92745328	92745706	92746148	30
		50	3	60	-	234	92745327	92745705	92746147	30
		50	-	60	5.5	236	92745326	92745704	92746146	30
		50	4	60	7.5	256	92526869	92526876	92553986	30

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
100-350	4	50	7.5	60	-	224	92745340	92745718	92746160	30
		50	-	60	15	235	92745339	92745717	92746159	30
		50	-	60	18.5	259	92745338	92745716	92746158	30
		50	11	60	-	261	92745337	92745715	92746157	30
		50	-	60	22	276	92745336	92745714	92746156	30
		50	15	60	-	290	92745335	92745713	92746155	30
		50	-	60	30	302	92745334	92745712	92746154	30
		50	18.5	60	-	308	92745333	92745711	92746153	30
		50	22	60	37	326	92526883	92526892	92553993	30
	6	50	-	60	3	212	92745348	92745726	92746168	30
		50	2.2	60	-	224	92745340	92745718	92746160	30
		50	-	60	4	229	92745346	92745724	92746166	30
		50	3	60	-	251	92745345	92745723	92746165	30
		50	-	60	5.5	256	92745344	92745722	92746164	30
		50	4	60	-	279	92745343	92745721	92746163	30
		50	5.5	60	-	307	92745342	92745720	92746162	30
		50	7.5	60	-	326	92526883	92526892	92553993	30
		50	-	60	7.5	284	92526889	92526898	92554000	30
		50	-	60	11	320	92526888	92526897	92553999	30
		100-380	4	50	-	60	37	310	92745358	92745737
50	22			60	-	313	92745357	92745736	92746177	38
50	-			60	45	328	92745356	92745735	92746176	38
50	30			60	-	341	92745355	92745734	92746175	38
50	-			60	55	352	92745354	92745733	92746174	38
50	37			60	-	367	92745353	92745731	92746173	38
50	-			60	75	386	92745352	92745730	92746172	38
50	45			60	-	390	92526909	92526920	92554010	38
50	-			60	90	408	92526903	92526914	92554004	38
6	50		55	60	-	415	92745349	92745727	92746169	38
	50		75	60	110	426	92526902	92526913	92554003	38
	50		5.5	60	-	300	92745367	92745747	92746188	38
	50		-	60	11	304	92745366	92745746	92746187	38
	50		7.5	60	-	329	92745365	92745744	92746186	38
	50		-	60	15	340	92745364	92745743	92746185	38
	50		-	60	18.5	368	92745363	92745742	92746184	38
	50		11	60	-	372	92745362	92745741	92746183	38
	50		-	60	22	388	92526904	92526915	92554005	38
	50		15	60	-	408	92526903	92526914	92554004	38
	50		18.5	60	30	426	92526902	92526913	92554003	38

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]	
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB		
							Impeller material				
							304 (1.4308)	316 (1.4408)	904 (1.4517)		
125-180	2	50	11	60	-	144-116	92745371	92745751	92746192	22	
		50	15	60	-	152-148	92745370	92745750	92746191	22	
		50	18.5	60	-	160	92745369	92745749	92746190	22	
		50	22	60	-	166	92745368	92745748	92746189	22	
		50	-	60	18.5	142-114	92526929	92526942	92554019	22	
		50	-	60	22	152-124	92526928	92526941	92554018	22	
		50	-	60	30	154	92526927	92526940	92554017	22	
		50	-	60	37	164	92526926	92526939	92554016	22	
		50	-	60	45	172	92526925	92526938	92554015	22	
		50	30	60	55	176	92526924	92526937	92554014	22	
	4	50	-	60	3	152-138	92745375	92745755	92746196	22	
		50	1.5	60	-	152-136	92745374	92745754	92746195	22	
		50	2.2	60	4	158	92745373	92745753	92746194	22	
		50	3	60	-	171	92745372	92745752	92746193	22	
		50	-	60	2.2	138-110	92526934	92526947	92554024	22	
		50	-	60	5.5	168	92526932	92526945	92554022	22	
		50	4	60	7.5	176	92526931	92526944	92554021	22	
	6	50	-	60	0.75	142-114	92745379	92745760	92746201	22	
		50	0.37	60	-	152-146	92745378	92745758	92746199	22	
		50	0.55	60	-	164	92745377	92745757	92746198	22	
		50	0.75	60	-	166	92745376	92745756	92746197	22	
		50	-	60	0.55	134-106	92526936	92526949	92554026	22	
		50	-	60	1.1	154	92526933	92526946	92554023	22	
		50	-	60	1.5	168	92526932	92526945	92554022	22	
		50	1.1	60	2.2	176	92526931	92526944	92554021	22	
	125-225	4	50	5.5	60	-	179	92745386	92745766	92746207	30
			-	5.5 ¹⁰⁾	-	-	15	93048470	93048471	93048472	30
			50	-	60	11	187	92745385	92745765	92746206	30
50			7.5	60	-	197	92745384	92745764	92746205	30	
50			-	60	15	207	92745383	92745763	92746204	30	
50			-	60	18.5	221	92745382	92745762	92746203	30	
50			11	60	-	223	92745381	92745761	92746202	30	
50			-	60	7.5	174-154	92542912	92542918	92554031	30	
6		50	15	60	22	232	92526950	92542914	92554027	30	
		50	1.5	60	-	178	92745391	92745771	92746212	30	
		50	-	60	3	186	92745390	92745770	92746211	30	
		50	2.2	60	4	202	92745389	92745769	92746210	30	
		50	3	60	-	218	92745388	92745768	92746209	30	
		50	-	60	5.5	220	92745387	92745767	92746208	30	
50	-	60	2.5	174-154	92542912	92542918	92554031	30			
50	4	60	7.5	232	92526950	92542914	92554027	30			

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
125-280	4	50	7.5	60	-	204	92745396	92745777	92746217	30
		50	-	60	18.5	229	92745395	92745776	92746216	30
		50	11	60	-	232	92745394	92745775	92746215	30
		50	-	60	22	243	92745393	92745774	92746214	30
		50	15	60	-	256	92745392	92745772	92746213	30
		50	-	60	15	212	92542923	92542930	92554037	30
	6	50	18.5	60	30	270	92542920	92542927	92554033	30
		50	2.2	60	-	205	92745402	92745783	92746223	30
		50	-	60	4	209	92745401	92745782	92746222	30
		50	-	60	5.5	225	92745400	92745781	92746221	30
		50	3	60	-	232	92745394	92745775	92746215	30
		50	4	60	-	251	92745398	92745779	92746219	30
		50	-	60	7.5	256	92745392	92745772	92746213	30
		50	5.5	60	11	270	92542920	92542927	92554033	30
125-320	4	50	11	-	-	231	93202133	93202141	93202149	30
		50	15	-	-	248	93202132	93202140	93202148	30
		50	18.5	-	-	260	93202131	93202139	93202147	30
		50	22	-	-	271	93202130	93202138	93202146	30
		-	-	60	22	239	93197225	93197229	93197233	30
		-	-	60	30	257	93197224	93197228	93197232	30
	6	-	-	60	37	270	93197223	93197227	93197231	30
		50	30	60	45	288	93202129	93202137	93202145	30
		50	4	-	-	244	93202136	93202144	93202152	30
		50	5.5	-	-	261	93202135	93202143	93202151	30
		50	7.5	-	-	282	93202134	93202142	93202150	30
		-	-	60	7.5	248	93202132	93202140	93202148	30
		-	-	60	11	274	93197226	93197230	93197234	30
		50	11	60	15	288	93202129	93202137	93202145	30
125-350	4	50	-	60	18.5	224	92745410	92745792	92746231	38
		50	11	60	-	228	92745409	92745791	92746230	38
		50	-	60	22	239	92745408	92745790	92746229	38
		50	15	60	-	253	92745407	92745789	92746228	38
		50	-	60	30	268	92745406	92745788	92746227	38
		50	18.5	60	-	276	92745405	92745787	92746226	38
	6	50	22	60	-	289	92745404	92745785	92746225	38
		50	30	60	-	319	92745403	92745784	92746224	38
		50	-	60	37	287	92542936	92542945	92554043	38
		50	-	60	45	305	92542935	92542944	92554042	38
		50	37	60	55	333-329	92542934	92542943	92554041	38
		50	4	60	-	247	92745416	92745798	92746238	38
		50	5.5	60	-	275	92745415	92745797	92746237	38
		50	-	60	11	286	92745414	92745796	92746236	38
6	50	7.5	60	-	301	92745413	92745795	92746235	38	
	50	-	60	15	316	92745412	92745794	92746234	38	
	50	11	60	-	333-329	92542934	92542943	92554041	38	
	50	-	60	7.5	249	92542942	92542951	92554049	38	

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]	
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB		
							Impeller material				
							304 (1.4308)	316 (1.4408)	904 (1.4517)		
125-360	4	50	22	-	-	277	93202158	93202167	93202176	38	
		50	30	-	-	301	93202157	93202166	93202175	38	
		50	37	-	-	323	93202156	93202165	93202174	38	
		50	45	-	-	338	93202155	93202164	93202173	38	
		50	55	-	-	355	93202154	93202163	93202172	38	
		-	-	60	45	287	93197238	93197246	93197254	38	
		-	-	60	55	303	93197237	93197245	93197253	38	
		-	-	60	75	331	93197236	93197244	93197252	38	
		-	-	60	90	346	93197235	93197243	93197251	38	
		50	75	60	110	364	93202153	93202162	93202171	38	
	6	50	7.5	-	-	291	93202161	93202170	93202179	38	
		50	11	-	-	326	93202160	93202169	93202178	38	
		50	15	-	-	350	93202159	93202168	93202177	38	
		-	-	60	15	300	93197242	93197250	93197258	38	
		-	-	60	18.5	322	93197241	93197249	93197257	38	
		-	-	60	22	336	93197240	93197248	93197256	38	
		-	-	60	30	361	93197239	93197247	93197255	38	
		50	18.5	60	37	364	93202153	93202162	93202171	38	
	125-380	4	50	30	60	-	283	92745425	92745806	92746246	38
			50	-	60	55	296	92745423	92745805	92746245	38
			50	37	60	-	307	92745422	92745804	92746244	38
			50	45	60	-	333	92745421	92745803	92746243	38
			50	-	60	90	355	92745420	92745802	92746242	38
			50	55	60	-	360	92745419	92745801	92746241	38
50			75	60	-	405	92745418	92745800	92746240	38	
50			90	60	-	410	92542956	92542965	92554054	38	
50			-	60	75	330	92542954	92542963	92554052	38	
50			-	60	110	380	92542952	92542961	92554050	38	
6		50	-	60	18.5	309	92745433	92745814	92746254	38	
		50	11	60	-	314	92745432	92745813	92746253	38	
		50	-	60	22	331	92745431	92745812	92746252	38	
		50	15	60	-	349	92745430	92745811	92746251	38	
		50	-	60	30	367	92745429	92745810	92746250	38	
		50	18.5	60	-	380	92542952	92542961	92554050	38	
	50	-	60	37	397	92745427	92745808	92746248	38		
	50	22	60	-	406	92745426	92745807	92746247	38		
	50	30	60	45	410	92542956	92542965	92554054	38		

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
150-225	4	50	5.5	60	-	180	92745440	92745821	92746261	30
		50	-	60	11	186	92542974	92542982	92554063	30
		50	7.5	60	-	196	92745438	92745819	92746259	30
		50	-	60	15	202	92542973	92542981	92554062	30
		50	11	60	-	216	92745436	92745817	92746257	30
		50	-	60	22	224	92745435	92745816	92746256	30
		50	15	60	-	238	92745434	92745815	92746255	30
		50	-	60	18.5	214	92542972	92542980	92554061	30
		50	18.5	60	30	242	92542970	92542978	92554059	30
	6	50	2.2	60	-	198	92745446	92745827	92746268	30
		50	-	60	4	199	92745445	92745826	92746267	30
		50	3	60	-	212	92542976	92542984	92554065	30
		50	-	60	5.5	213	92745443	92745824	92746264	30
		50	4	60	-	233	92745442	92745823	92746263	30
		50	-	60	7.5	235	92745441	92745822	92746262	30
		50	5.5	60	11	242	92542970	92542978	92554059	30
		50	11	60	-	214	92745453	92745834	92746275	38
		50	-	60	22	222	92745452	92745833	92746274	38
150-280	4	50	15	60	-	232	92745451	92745832	92746273	38
		50	-	60	30	242	92745450	92745831	92746272	38
		50	18.5	60	-	247	92745449	92745830	92746271	38
		50	-	60	37	258	92745454	92745835	92746276	38
		50	22	60	-	260	92745447	92745828	92746269	38
		50	30	60	45	273	92542986	92542992	92554067	38
		50	3	60	-	210	92745459	92745840	92746281	38
		50	-	60	5.5	212	92745458	92745839	92746280	38
		50	4	60	-	229	92745457	92745838	92746279	38
	6	50	-	60	7.5	232	92745451	92745832	92746273	38
		50	5.5	60	-	251	92745455	92745836	92746277	38
		50	-	60	11	258	92745454	92745835	92746276	38
		50	7.5	60	15	273	92542986	92542992	92554067	38
		50	-	60	37	266	92994701	92995237	92995523	38
		50	22	60	-	269	92994702	92995238	92995524	38
150-300	4	50	-	60	45	280	92994704	92995240	92995526	38
		50	30	60	55	289	92994706	92995242	92995528	38
		50	-	60	11	271	92994703	92995239	92995525	38
	6	50	7.5	60	-	281	92994705	92995241	92995527	38
		50	11	60	15	289	92994706	92995242	92995528	38

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
150-350.1	4	50	18.5	-	-	245	93202184	93202192	93202200	38
		50	22	-	-	256	93202183	93202191	93202199	38
		50	30	-	-	281	93202182	93202190	93202198	38
		50	37	-	-	298	93202181	93202189	93202197	38
		-	-	60	37	253	93197261	93197267	93197273	38
		-	-	60	45	267	93197260	93197266	93197272	38
		-	-	60	55	285	93197259	93197265	93197271	38
		50	45	60	75	310	93202180	93202188	93202196	38
	6	50	5.5	-	-	251	93202187	93202195	93202203	38
		50	7.5	-	-	271	93202186	93202194	93202202	38
		50	11	-	-	300	93202185	93202193	93202201	38
		-	-	60	11	257	93197387	93197388	93197389	38
		-	-	60	15	283	93197263	93197269	93197275	38
		-	-	60	18.5	301	93197262	93197268	93197274	38
		50	15	60	22	310	93202180	93202188	93202196	38
		50	-	60	30	234	92745467	92745848	92746289	38
150-350	4	50	18.5	60	-	238	92745466	92745847	92746288	38
		50	-	60	37	251	92745465	92745846	92746287	38
		50	22	60	-	254	92745464	92745845	92746286	38
		50	30	60	-	273	92543006	92543017	92554081	38
		50	-	60	55	284	92745462	92745843	92746284	38
		50	37	60	-	294	92745461	92745842	92746283	38
		50	45	60	-	318-314	92745460	92745841	92746282	38
		50	-	60	45	263	92543001	92543012	92554076	38
	6	50	-	60	75	311	92542999	92543010	92554074	38
		50	55	60	90	328-324	92542998	92543009	92554073	38
		50	4	60	-	217	92745476	92745857	92746299	38
		50	5.5	60	-	240	92745475	92745856	92746298	38
		50	-	60	11	246	92745474	92745855	92746296	38
		50	7.5	60	-	264	92745473	92745854	92746295	38
		50	-	60	15	271	92745472	92745853	92746294	38
		50	-	60	18.5	292	92745471	92745852	92746293	38
		50	11	60	-	301	92745470	92745851	92746292	38
		50	-	60	22	313	92745469	92745850	92746291	38
		50	15	60	-	328-324	92542998	92543009	92554073	38
		50	-	60	7.5	221	92543008	92543019	92554083	38

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
150-360	4	50	37	-	-	288-282	93202209	93202219	93202229	38
		50	45	-	-	302-296	93202208	93202218	93202228	38
		50	55	-	-	317-311	93202207	93202217	93202227	38
		50	75	-	-	338-332	93202206	93202216	93202226	38
		50	90	-	-	355-349	93202205	93202215	93202225	38
		50	110	-	-	370-364	93202204	93202214	93202224	38
		-	-	60	75	301-295	93197281	93197289	93197297	38
		-	-	60	90	315-309	93197280	93197288	93197296	38
		-	-	60	110	329-323	93197279	93197287	93197295	38
		-	-	60	132	342-336	93197278	93197286	93197294	38
		-	-	60	160	365-359	93197277	93197285	93197293	38
	6	50	11	-	-	290-284	93202213	93202223	93202233	38
		50	15	-	-	313-307	93202212	93202222	93202232	38
		50	18.5	-	-	328-322	93202211	93202221	93202231	38
		50	22	60	37	340-334	93202210	93202220	93202230	38
		-	-	60	22	304-298	93197284	93197292	93197300	38
		-	-	60	30	324-318	93197283	93197291	93197299	38
		-	-	60	45	359-353	93197282	93197290	93197298	38
		50	30	60	55	370-364	93202204	93202214	93202224	38
		50	55	60	-	308	92745484	92745865	92746307	44
50	-	60	110	327	92745483	92745864	92746306	44		
50	-	60	132	343	92745482	92745863	92746305	44		
150-380	4	50	75	60	-	350	92745481	92745862	92746304	44
		50	90	60	-	380	92745480	92745861	92746303	44
		50	-	60	160	384	92745479	92745860	92746302	44
		50	110	60	-	409	92745478	92745859	92746301	44
		50	132	60	-	430	92543024	92543032	92554088	44
		50	-	60	90	304	92543023	92543031	92554087	44
		50	-	60	185	402	92543020	92543028	92554084	44
		50	15	60	-	300	92745489	92745870	92746312	44
		50	18.5	60	-	329	92745488	92745869	92746311	44
	6	50	22	60	-	351	92745487	92745868	92746310	44
		50	-	60	45	377	92745486	92745867	92746309	44
		50	30	60	-	402	92543020	92543028	92554084	44
		50	-	60	30	316	92543027	92543035	92554091	44
		50	-	60	37	348	92543026	92543034	92554090	44
		50	-	60	55	408	92557190	92557191	92557192	44
		50	37	60	75	430	92543024	92543032	92554088	44

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
150-390	4	50	55	-	-	308	93202239	93202250	93202261	44
		50	75	-	-	338	93202238	93202249	93202260	44
		50	90	-	-	350	93202237	93202248	93202259	44
		-	-	60	110	323	93197304	93197312	93197320	44
		-	-	60	132	339	93202243	93202254	93202265	44
		-	-	60	160	353	93197303	93197311	93197319	44
		50	110	60	185	368	93202236	93202247	93202258	44
		-	-	60	200	376	93197302	93197310	93197318	44
		50	132	60	220	388	93202235	93202246	93202257	44
		-	-	60	250	406	93197301	93197309	93197317	44
		50	160	-	-	415	93202234	93202245	93202256	44
		6	50	18.5	-	-	324	93202244	93202255	93202266
	50		30	-	-	361	93202242	93202253	93202264	44
	50		37	-	-	386	93202241	93202252	93202263	44
	50		45	-	-	412	93202240	93202251	93202262	44
	-		-	60	37	337	93197308	93197316	93197324	44
	-		-	60	45	352	93197307	93197315	93197323	44
	-		-	60	55	370	93197306	93197314	93197322	44
	-		-	60	75	409	93197305	93197313	93197321	44
	200-300	4	50	22	60	90	415	93202234	93202245	93202256
50			30	60	-	273	92994708	92995244	92995530	38
50			-	60	55	277	92994709	92995245	92995531	38
50			37	60	-	288	92994980	92995246	92995532	38
50			-	60	75	301	92994981	92995247	92995533	38
50			45	60	-	304	92994982	92995248	92995534	38
6		50	-	60	15	272	92994707	92995243	92995529	38
		50	11	60	18.5	288	92994980	92995246	92995532	38
		50	15	60	22	304	92994982	92995248	92995534	38

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
200-350	4	50	22	60	-	239	92995003	92995269	92995555	38
		50	-	60	45	249	92995005	92995271	92995557	38
		50	30	60	-	260	92994983	92995249	92995535	38
		50	-	60	55	263	92994985	92995251	92995537	38
		50	37	60	-	276	92994986	92995252	92995538	38
		50	-	60	75	288	92994988	92995254	92995540	38
		50	45	60	-	291	92994989	92995255	92995541	38
		50	-	60	90	304	92994992	92995258	92995544	38
		50	55	60	-	307	92994993	92995259	92995545	38
		50	-	60	110	322	92994995	92995261	92995547	38
		50	75	60	-	337	92994998	92995264	92995550	38
		50	-	60	132	338	92994999	92995265	92995551	38
	6	50	90	60	160	341	92995001	92995267	92995553	38
		50	5.5	60	-	228	92995002	92995268	92995554	38
		50	-	60	11	240	92995004	92995270	92995556	38
		50	7.5	60	-	251	92995006	92995272	92995558	38
		50	-	60	15	262	92543039	92543049	92543095	38
		50	11	60	18.5	279	92994987	92995253	92995539	38
		50	-	60	22	292	92994990	92995256	92995542	38
		50	15	60	-	303	92994991	92995257	92995543	38
		50	-	60	30	317	92994994	92995260	92995546	38
		50	18.5	60	-	323	92994996	92995262	92995548	38
		50	-	60	37	336	92994997	92995263	92995549	38
		50	22	60	-	339	92995000	92995266	92995552	38
200-380	4	50	-	60	45	341	92995001	92995267	92995553	38
		50	-	60	90	310	92543059	92543065	92554105	44
		50	55	60	-	314	92995010	92995276	92995562	44
		50	-	60	110	328	92995012	92995278	92995564	44
		50	75	60	-	346	92995015	92995281	92995567	44
		50	-	60	132	347	92995016	92995282	92995568	44
		50	90	60	-	368	92995018	92995284	92995570	44
		50	-	60	160	370	92995020	92995286	92995572	44
	6	50	-	60	185	397	92995022	92995288	92995574	44
		50	110	60	-	400	92995023	92995289	92995575	44
		50	132	60	200	404	92995025	92995291	92995577	44
		50	-	60	22	298	92995007	92995273	92995559	44
		50	15	60	-	308	92995008	92995274	92995560	44
		50	-	60	30	323	92995011	92995277	92995563	44
		50	18.5	60	-	329	92995013	92995279	92995565	44
		50	-	60	37	345	92995014	92995280	92995566	44
		50	22	60	-	348	92995017	92995283	92995569	44
		50	-	60	45	369	92995019	92995285	92995571	44
		50	30	60	-	393	92995021	92995287	92995573	44
		50	-	60	55	401	92995024	92995290	92995576	44

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
200-500	4	50	-	60	220	418	92995027	92995293	92995579	50
		50	132	60	-	422	92995029	92995295	92995581	50
		50	-	60	250	435	92995030	92995296	92995582	50
		50	160	60	-	449	92995033	92995299	92995585	50
		50	-	60	280	451	92995034	92995300	92995586	50
		50	-	60	315	467	92995036	92995302	92995588	50
		50	185	60	-	468	92995037	92995303	92995589	50
		50	200	60	-	477	92995039	92995305	92995591	50
		50	-	60	355	490	92995040	92995306	92995592	50
		50	220	60	-	497	92995041	92995307	92995593	50
		50	-	60	375	504	92995043	92995309	92995595	50
		50	250	60	-	516	92995044	92995310	92995596	50
		50	280	60	-	530	92995047	92995313	92995599	50
	6	50	-	60	55	405	92995026	92995292	92995578	50
		50	37	60	-	419	92995028	92995294	92995580	50
		50	-	60	75	440	92995031	92995297	92995583	50
		50	45	60	-	441	92995032	92995298	92995584	50
		50	-	60	90	465	92995035	92995301	92995587	50
		50	55	60	-	471	92995038	92995304	92995590	50
		50	-	60	110	498	92995042	92995308	92995594	50
		50	75	60	-	521	92995045	92995311	92995597	50
		50	-	60	132	524	92995046	92995312	92995598	50
		50	90	60	160	530	92995047	92995313	92995599	50
250-315	4	50	-	60	37.0	260-198	92995056	92995332	92995608	44
		50	22	60	-	258-210	92995057	92995333	92995609	44
		50	-	60	45.0	260-228	92995059	92995335	92995611	44
		50	30	60	-	264	92995048	92995314	92995600	44
		50	-	60	55.0	267	92995050	92995316	92995602	44
		50	37	60	-	280	92995051	92995317	92995603	44
		50	-	60	75.0	294-288	92995053	92995319	92995605	44
		50	45	60	-	300-288	92995054	92995330	92995606	44
		50	55	60	90.0	304-288	92995055	92995331	92995607	44
	6	50	-	60	11	260-210	92995058	92995334	92995610	44
		50	7.5	60	-	260-228	92995059	92995335	92995611	44
		50	-	60	15	266	92995049	92995315	92995601	44
		50	11	60	18.5	283	92995052	92995318	92995604	44
		50	-	60	22	294-288	92995053	92995319	92995605	44
		50	15	60	30	304-288	92995055	92995331	92995607	44

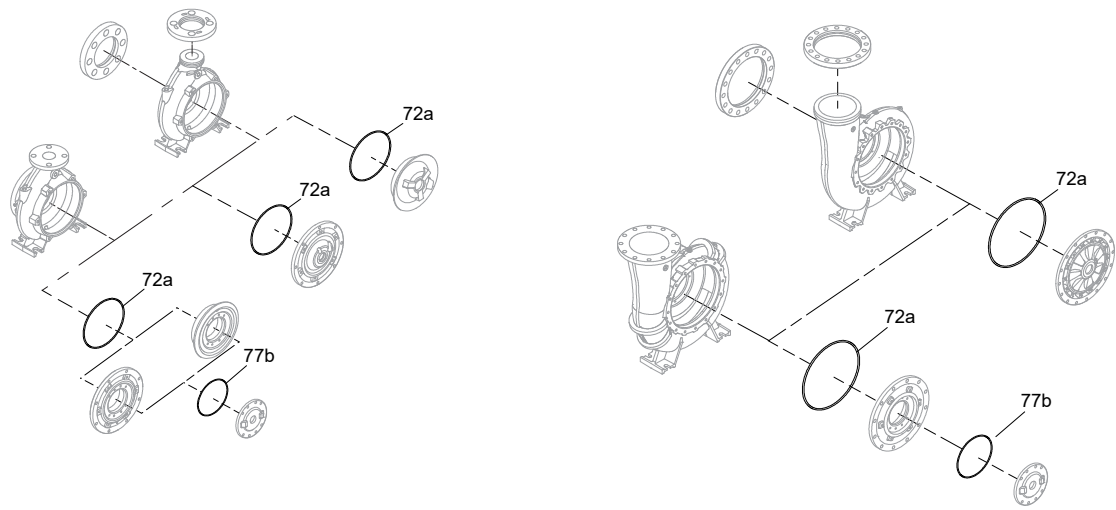
Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
250-360	4	50	37	60	-	273	92995060	92995336	92995612	44
		50	-	60	75	287	92995062	92995338	92995614	44
		50	45	60	-	291	92995063	92995339	92995615	44
		50	-	60	90	311	92995066	92995342	92995618	44
		50	55	60	-	315	92995067	92995343	92995619	44
		50	-	60	110	330	92995069	92995345	92995621	44
		50	75	60	-	359	92995072	92995348	92995624	44
		50	-	60	132	359	92995072	92995348	92995624	44
	6	50	90	60	160	370	92995074	92995350	92995626	44
		50	11	60	-	275	92995061	92995337	92995613	44
		50	-	60	18.5	275	92995061	92995337	92995613	44
		50	-	60	22	300	92995064	92995340	92995616	44
		50	15	60	-	310	92995065	92995341	92995617	44
		50	-	60	30	326	92995068	92995344	92995620	44
		50	18.5	60	-	331	92995070	92995346	92995622	44
		50	-	60	37	358	92995071	92995347	92995623	44
	4	50	22	60	-	360	92995073	92995349	92995625	44
		50	30	60	45	370	92995074	92995350	92995626	44
		50	55	60	-	302	92745498	92745879	92746321	44
		50	-	60	110	315	92745497	92745878	92746320	44
		50	75	60	-	333	92745496	92745877	92746319	44
		50	-	60	132	334	92745495	92745876	92746318	44
		50	90	60	-	353	92745494	92745875	92746317	44
		50	-	60	160	357	92745493	92745874	92746316	44
250-380	6	50	-	60	185	373	92745492	92745873	92746315	44
		50	132	60	-	404	92745491	92745872	92746314	44
		50	160	60	-	416	92745490	92745871	92746313	44
		50	110	60	-	375	92543068	92543075	92554108	44
		50	18.5	60	-	316	92745505	92745886	92746329	44
		50	-	60	37	330	92745504	92745885	92746328	44
		50	22	60	-	334	92745495	92745876	92746318	44
		50	30	60	-	365	92745502	92745883	92746326	44
	4	50	37	60	-	403	92745501	92745882	92746324	44
		50	-	60	75	414	92745500	92745881	92746323	44
		50	45	60	-	416	92745490	92745871	92746313	44
		50	-	60	45	351	92543073	92543080	92554113	44
		50	-	60	55	379	92543072	92543079	92554112	44
		50	-	60	75	414	92745500	92745881	92746323	44
		50	45	60	-	416	92745490	92745871	92746313	44
		50	-	60	45	351	92543073	92543080	92554113	44

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]		
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB			
							Impeller material					
							304 (1.4308)	316 (1.4408)	904 (1.4517)			
300-300	4	50	45	60	-	280-224	92995088	92995364	92995640	44		
		50	55	60	-	280-272	92995076	92995352	92995628	44		
		50	75	60	-	305	92995079	92995355	92995631	44		
		50	-	60	132	306	92995080	92995356	92995632	44		
		50	90	60	-	326	92995082	92995358	92995634	44		
		50	-	60	160	328	92995084	92995360	92995636	44		
		50	110	60	185	346-340	92995086	92995362	92995638	44		
	6	50	11	60	-	276-196	92995087	92995363	92995639	44		
		50	-	60	22	280-226	92995089	92995365	92995641	44		
		50	15	60	-	280-248	92995075	92995351	92995627	44		
		50	-	60	30	282	92995077	92995353	92995629	44		
		50	18.5	60	-	290	92995078	92995354	92995630	44		
		50	-	60	37	305	92995079	92995355	92995631	44		
		50	22	60	-	307	92995081	92995357	92995633	44		
		50	-	60	45	327	92995083	92995359	92995635	44		
		50	30	60	-	340	92995085	92995361	92995637	44		
		50	-	60	55	346-340	92995086	92995362	92995638	44		
		300-310	4	50	55	60	-	320-190	92995095	92995371	92995647	44
				50	-	60	110	328-200	92995090	92995366	92995642	44
				50	75	60	-	332-212	92995098	92995374	92995650	44
50	-			60	132	334-212	92995091	92995367	92995643	44		
50	90			60	-	348-240	92995100	92995376	92995652	44		
50	-			60	160	350-240	92995092	92995368	92995644	44		
50	-			60	185	326	92995093	92995369	92995645	44		
50	110			60	-	328	92995102	92995378	92995654	44		
6	50		-	60	200	332	92995094	92995370	92995646	44		
	50		132	60	-	350	92995105	92995381	92995657	44		
	50		15	60	-	320-184	92995106	92995382	92995658	44		
	50		-	60	30	328-194	92995096	92995372	92995648	44		
	50		18.5	60	-	328-196	92995097	92995373	92995649	44		
	50		-	60	37	332-212	92995098	92995374	92995650	44		
	50		22	60	-	336-212	92995099	92995375	92995651	44		
	50		-	60	45	348-240	92995100	92995376	92995652	44		
	50		30	60	-	350-258	92995101	92995377	92995653	44		
	50		-	60	55	329	92995103	92995379	92995655	44		
	50		37	60	-	348	92995104	92995380	92995656	44		
	50		-	60	75	350	92995105	92995381	92995657	44		

Pump size	Pole	Hz	P2 [kW]	Hz	P2 [kW]	Actual impeller trim [mm]	Pump material code			Impeller bore, d [mm]
							S3, S4, S5, SB, SC, SD, SI, SK	S8, S9, SG, SH, SJ, SL	T2, T3, TA, TB	
							Impeller material			
							304 (1.4308)	316 (1.4408)	904 (1.4517)	
300-350	4	50	90	60	-	327	92995107	92995383	92995659	50
		50	-	60	160	329	92995109	92995385	92995661	50
		50	-	60	185	342	92995111	92995387	92995663	50
		50	110	60	-	343	92995112	92995388	92995664	50
		50	-	60	200	347	92995113	92995389	92995665	50
		50	-	60	220	355	92995115	92995391	92995667	50
		50	132	60	-	358	92995117	92995393	92995669	50
		50	-	60	250	367	92995118	92995394	92995670	50
		50	160	60	280	370	92995120	92995396	92995672	50
	6	50	-	60	45	328	92995108	92995384	92995660	50
		50	30	60	-	337	92995110	92995386	92995662	50
		50	-	60	55	349	92995114	92995390	92995666	50
		50	37	60	-	356	92995116	92995392	92995668	50
		50	-	60	75	368	92995119	92995395	92995671	50
		50	45	60	-	370	92995120	92995396	92995672	50
300-400	4	50	200	60	-	395	92995122	92995398	92995674	50
		50	220	60	-	409	92995123	92995399	92995675	50
		50	250	60	-	434	92995125	92995401	92995677	50
		50	-	60	375	441	92995128	92995404	92995680	50
		50	280	60	-	455	92995129	92995405	92995681	50
		50	315	60	-	480	92995131	92995407	92995683	50
	6	50	55	60	-	390	92995121	92995397	92995673	50
		50	-	60	110	410	92995124	92995400	92995676	50
		50	75	60	-	437	92995126	92995402	92995678	50
		50	-	60	132	440	92995127	92995403	92995679	50
		50	90	60	-	479	92995130	92995406	92995682	50
		50	-	60	160	480	92995131	92995407	92995683	50
350-350	4	50	110	60	-	348-316	92995180	92995466	92995734	50
		50	132	60	-	372-336	92995183	92995469	92995737	50
		50	160	60	-	388-356	92995186	92995472	92995750	50
		50	185	60	-	408-374	92995188	92995474	92995752	50
		50	200	60	-	416-382	92995190	92995476	92995754	50
		50	-	60	45	331-283	92995178	92995464	92995732	50
	6	50	30	60	-	342-306	92995179	92995465	92995733	50
		50	-	60	55	347-319	92995181	92995467	92995735	50
		50	37	60	-	364-336	92995182	92995468	92995736	50
		50	-	60	75	382-354	92995184	92995470	92995738	50
		50	45	60	-	388-352	92995185	92995471	92995739	50
		50	-	60	90	399-371	92995187	92995473	92995751	50
		50	55	60	-	408-376	92995189	92995475	92995753	50
		50	-	60	110	416-388	92995191	92995477	92995755	50

¹⁰⁾ Only for E-pump

Spare/bulk - O-rings



TM1040125

Spare - O-ring (cover-pump housing)
72a: 1 × O-ring
Bulk - O-ring (cover-pump housing)
72a: 5 × O-ring
Spare - O-ring (seal cover - cover)
77b: 1 × O-ring
Bulk - O-ring (seal cover - cover)
77b: 5 × O-ring

Step 1: Find the pump size and note O-ring codes for Pos. 72a and 77b.

Pump size	Pos. 72a	Pos. 77b	Pump size	Pos. 72a	Pos. 77b
	O-ring code			O-ring code	
32-130.1-2P	B	A	80-280	D	A
32-130.1-4P	B	A	80-350	E	A
32-130-2P	B	A	80-380	F	B
32-130-4P	B	A	100-180-2P	B	A
32-165.1-2P	B	A	100-180-4P	B	A
32-165.1-4P	B	A	100-225.1-2P	A	A
32-180-2P	B	A	100-225.1-4P	A	A
32-180-4P	B	A	100-225-2P	A	A
32-205.1-2P	G	A	100-225-4P	A	A
32-205.1-4P	G	A	100-280	D	A
40-130-2P	B	A	100-350	F	A
40-130-4P	B	A	100-360	F	B
40-180-2P	B	A	100-380	F	A
40-180-4P	B	A	125-180-2P	B	A
40-190-2P	G	A	125-180-4P	B	A
40-190-4P	G	A	125-225	A	A
40-220-2P	C	A	125-280	D	A
40-220-4P	C	A	125-320	E	A
40-225-2P	C	A	125-350	E	B
40-225-4P	C	A	125-355	E	B
50-130-2P	B	A	125-360	F	B
50-130-4P	B	A	125-380	F	B
50-220-2P	C	A	150-225	A	A
50-220-4P	C	A	150-280	D	B
50-225-2P	C	A	150-300	E	B
50-225-4P	C	A	150-350.1	E	B
50-280-2P	C	A	150-350	E	B
50-280-4P	C	A	150-355	F	B
50-350	E	A	150-360	F	B
65-130-2P	B	A	150-380	F	B
65-130-4P	B	A	150-390	F	B
65-180-2P	B	A	200-300	E	B
65-180-4P	B	A	200-350	E	B
65-210-2P	G	A	200-380	F	B
65-210-4P	G	A	200-500	H	B
65-225-2P	A	A	250-315	F	B
65-225-4P	A	A	250-360	F	B
65-280	D	A	250-380	F	B
80-180.1-2P	B	A	300-300	F	B
80-180-2P	B	A	300-310	F	B
80-180-4P	B	A	300-350	F	B
80-225-2P	A	A	300-400	K	B
80-225-4P	A	A	350-350	J	B

Step 2: Use the O-ring code and check the O-ring material in the pump to find the needed spare.

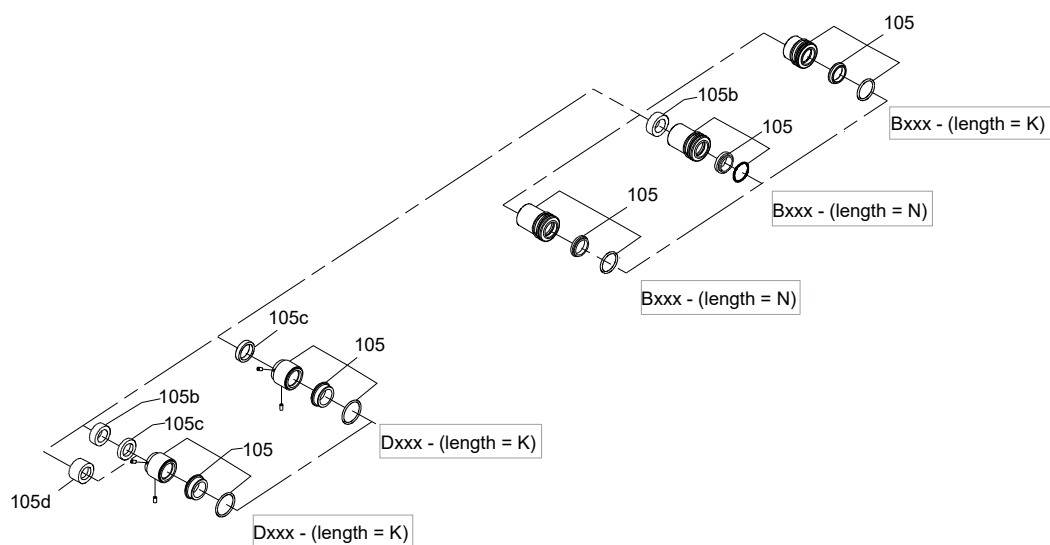
Type/Model	
NK 65-280/280ASA2F2SK	SBQQENW3

O-ring code

Pos 72a					
O-ring code	O-ring description	Spare (1 pcs)		Bulk (5 pcs)	
		Material		Material	
		E (EPDM)	V (Viton)	E (EPDM)	V (Viton)
A	243x3.5	92526496	92526497	92526507	92526513
B	171.04x3.53	97757659	92526498	92526508	92526514
C	253.6x3.53	97757672	97757699	92526509	92526515
D	278.99x3.53	97757673	97757703	92526510	92526516
E	329.79x3.53	97757675	97757705	92526511	92526517
F	430.66x3.53	97757676	97757707	92526512	92526518
G	221.84x3.53	92728995	92728996	92743280	92743281
H	548x6.00	92729013	92729014	92743282	92743283
J	456.06x3.53	97757677	97757708	92547641	92547640
K	485x4.00	99102425	99102426	92811318	92811319

Pos 77b					
O-ring code	O-ring description	Spare (1 pcs)		Bulk (5 pcs)	
		Material		Material	
		E (EPDM)	V (Viton)	E (EPDM)	V (Viton)
A	100x3.00	97761203	97761204	92526525	92526527
B	129.5x3.00	97757693	97757714	92526526	92526528

Spare/bulk - Shaft seal and spacer



TM083038

Spare - Shaft seal

105: Shaft seal

Bulk - Shaft seal

105: 5 × Shaft seal

Spare - Spacer

105b/105c/105d: Spacer

Installation length			
Types Bxxx			Types Dxxx
"X" ('Xtra short')	"K" ('short')	"N" ('normal')	"K" ('short')

Step 1: Find the pump size and note the seal code and the spacer code - if there is one.

Pump size	Seal inner dia. [mm]	Length	Seal code	Spacer code	
				Bxxx seals	Dxxx seals
32-130.1-2P	20	K	A	-	-
32-130.1-4P	20	K	A	-	-
32-130-2P	20	K	A	-	-
32-130-4P	20	K	A	-	-
32-165.1-2P	28	N	B	-	B
32-165.1-4P	20	K	A	-	-
32-180-2P	20	K	A	-	-
32-180-4P	20	K	A	-	-
32-205.1-2P	28	N	B	-	B
32-205.1-4P	20	K	A	-	-
40-130-2P	28	N	B	-	B
40-130-4P	20	K	A	-	-
40-180-2P	28	N	B	-	B
40-180-4P	20	K	A	-	-
40-190-2P	28	N	B	-	B
40-190-4P	20	K	A	-	-
40-220-2P	28	N	B	-	B
40-220-4P	28	N	B	-	B
40-225-2P	28	N	B	-	B
40-225-4P	28	N	B	-	B
50-130-2P	28	N	B	-	B
50-130-4P	20	K	A	-	-
50-220-2P	38	N	C	-	C
50-220-4P	28	N	B	-	B
50-225-2P	38	N	C	-	C
50-225-4P	28	N	B	-	B
50-280-2P	38	N	C	-	C
50-280-4P	28	N	B	-	B
50-350	38	N	C	G	H
65-130-2P	28	N	B	-	B
65-130-4P	20	K	A	-	-
65-180-2P	28	N	B	-	B
65-180-4P	20	K	A	-	-
65-210-2P	28	N	B	-	B
65-210-4P	28	N	B	-	B
65-225-2P	38	N	C	-	C
65-225-4P	28	N	B	-	B
65-280	38	N	C	G	H
80-180.1-2P	28	N	B	-	B
80-180-2P	28	N	B	-	B
80-180-4P	20	K	A	-	-
80-225-2P	38	N	C	-	C
80-225-4P	28	N	B	-	B
80-280	38	N	C	G	H
80-350	38	N	C	G	H
80-380	48	N	D	-	D
100-180-2P	28	N	B	-	B
100-180-4P	28	N	B	-	B
100-225.1-2P	38	N	C	-	C
100-225.1-4P	28	N	B	-	B
100-225-2P	38	N	C	-	C

Pump size	Seal inner dia. [mm]	Length	Seal code	Spacer code	
				Bxxx seals	Dxxx seals
100-225-4P	28	N	B	-	B
100-280	38	N	C	G	H
100-350	38	N	C	G	H
100-360	48	N	D	-	D
100-380	48	N	D	-	D
125-180-2P	28	N	B	-	B
125-180-4P	28	N	B	-	B
125-225	38	N	C	-	C
125-280	38	N	C	G	H
125-320	38	N	C	G	H
125-350	48	N	D	-	D
125-355	48	N	D	-	D
125-360	48	N	D	-	D
125-380	48	N	D	-	D
150-225	38	N	C	-	C
150-280	48	N	D	-	D
150-300	48	N	D	-	D
150-350.1	48	N	D	-	D
150-350	48	N	D	-	D
150-355	55	N	E	-	E
150-360	48	N	D	-	D
150-380	55	N	E	-	E
150-390	55	N	E	-	E
200-300	48	N	D	-	D
200-350	48	N	D	-	D
200-380	55	N	E	-	E
200-500	60	N	F	-	F
250-315	55	N	E	-	E
250-360	55	N	E	-	E
250-380	55	N	E	-	E
300-300	55	N	E	-	E
300-310	55	N	E	-	E
300-350	60	N	F	-	F
300-400	60	N	F	-	F
350-350	60	N	F	-	F

Step 2: Use the seal code and the shaft seal type to find the needed spare/bulk.

Type/Model

DK-8850 Bjerringboe Denmark

NK 65-280/280ASA2F2SKESBQQENW3

Shaft seal type

Seal code	BQQE		BQQV		DAQF		DQQE	
	Spare (1 pcs)	Bulk (5 pcs)	Spare (1 pcs)	Bulk (5 pcs)	Spare (1 pcs)	Bulk (5 pcs)	Spare (1 pcs)	Bulk (5 pcs)
A	92728673	92728680	92728674	92728681	92728677	92728684	92728676	92728683
B	98434904	99380916	98434905	92514269	96548355	92514233	97769895	92514258
C	98434906	92514302	98434908	92514301	96548359	92514274	97769897	92514291
D	98434909	92514334	98434941	92514333	96658796	92514307	97685509	92514323
E	98434943	92514388	98434944	92514387	96658807	92514335	97685596	92514356
F	98434945	92514397	98434947	92514396	96658820	92514358	97685598	92514367

Step 3: Use the spacer code, the shaft seal type and the material code to find the needed spacer.

Type/Model

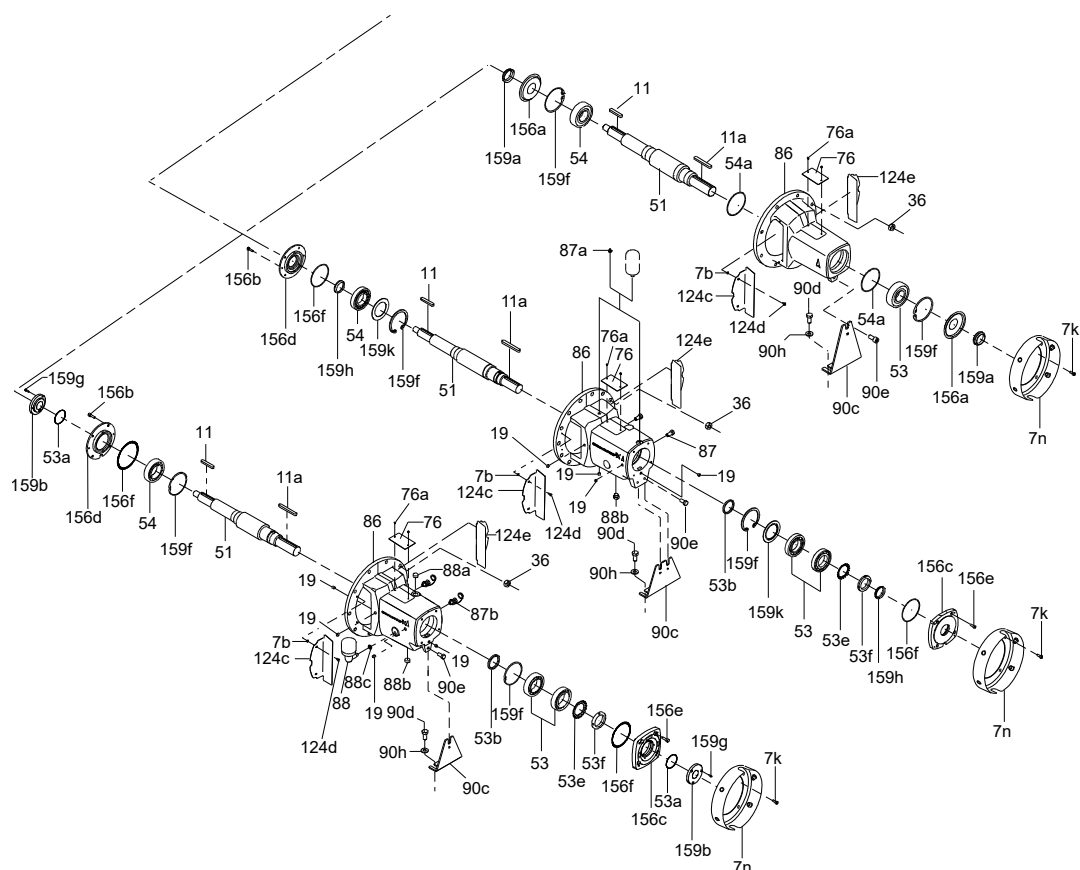
DK-8850 Bjerringboe Denmark

NK 65-280/280ASA2F2SKESBQQENW3

Material code

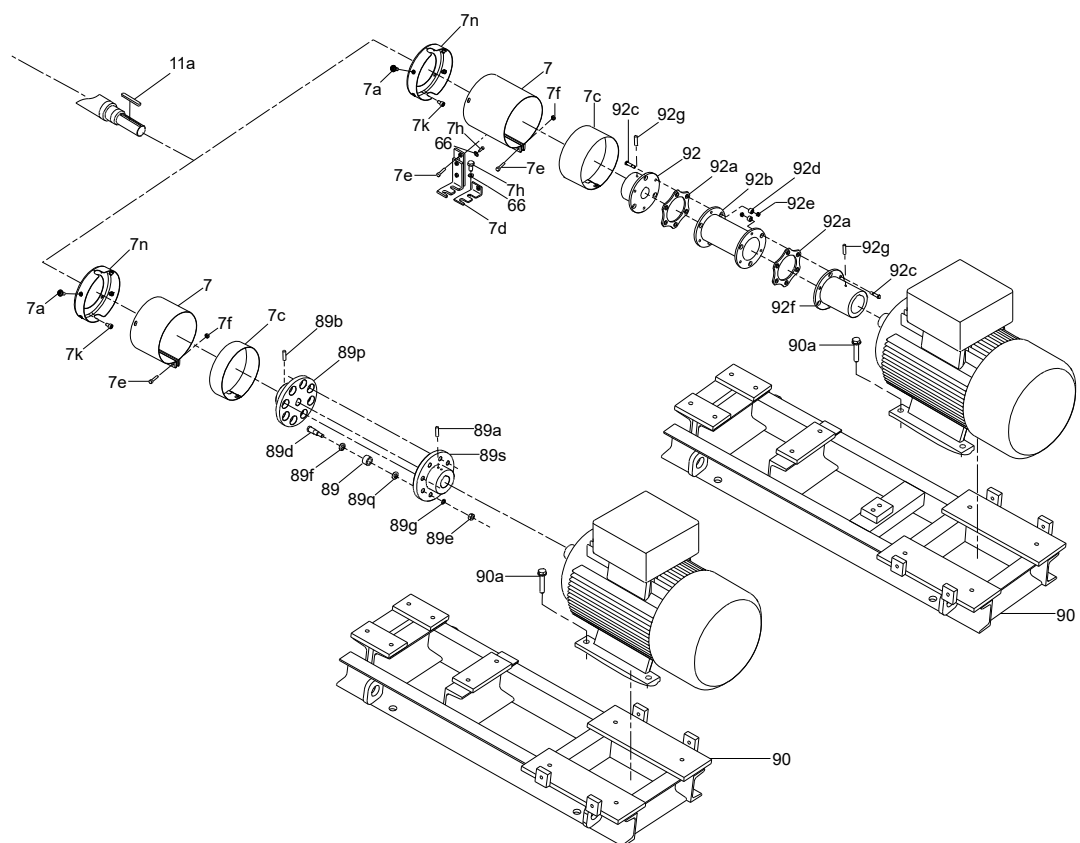
Spacer code	Position	Bxxx seals	Dxxx seals	Spacer for ...	
		Spacer thickness (B)		Material version	
		[mm]	[mm]	S3, SB, S4, S8, SC, SG	S5, S9, SD, SH, T2, TA, SI, SJ, SK, SL, T3, TB
A	-	-	-	-	-
B	105c	-	7.5	96938597	96938598
C	105c	-	10	96938599	96938600
D	105c	-	15	96938602	96938603
E	105c	-	22.5	96938604	96938605
F	105c	-	17.5	96938606	96938607
G	105b	15	-	96591277	96938601
H	105d	-	25	96938599	96938600

Bearing brackets, Range 2



TM082102

Coupling, base frame and motor, Range 2



TM082103

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